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Canada
1920

MCKENZIE SEEDS

79/4



The Home of McKenzie Seeds

1920

24th
ANNUAL

BRANDON
MAN.

Beautiful Lawns

A WELL-KEPT lawn really represents the most potent argument in favor of a lawn as the most fitting surrounding for a home. One has only to picture the contrast between a house with a nice lawn, and one without, to be readily convinced of its many advantages. It is not necessary for us here to enumerate; they will suggest themselves to anyone who is sufficiently interested to give the subject even passing consideration. The first question which naturally arises is: does it not take a long time to bring a lawn to a stage where it really looks anything? The picture at foot is perhaps the best answer to this. A year before this photograph was taken, it was raw prairie, rough and stony, as it was left by the builders.

PLANNING THE LAWN. It pays to consider well, at the start, just how much you will lay down in grass, where the flower beds and walks are required, and what levels are desired, as it is always unsatisfactory to make alterations after the lawn has been seeded.

PREPARING THE GROUND. Too much attention cannot be given to this—in fact the permanent success, or otherwise, largely depends upon this. If not well drained naturally, then a few drains to carry away surplus moisture should be laid down. It will be a decided advantage, as a rule, to dig deeply and apply a coating of well-rotted manure, and, for the first year, plant potatoes or other crop which requires hoeing. This will wonderfully improve the physical condition of the soil and enable a good seed bed to be prepared for the reception of the lawn seed.

For nearly a quarter of a century McKenzie's specially prepared mixtures of Grass Seeds for Lawns have given unbounded satisfaction. They are the result of practical experience under varying conditions in many locations throughout the West. **SURE TO GROW.**



Ask for our Free Booklet
on Lawns



McKenzie's Emerald Green Lawn Seed

A SCIENTIFIC COMBINATION

LUXURIANT GROWTH RICH GREEN COLOR ENDURING GRASSES

Produces an Even Turf A Perfect Growth from Early Spring until Late Fall

1530—We have in McKenzie's Emerald Green Lawn Seed the highest type grown. This mixture, the result of many years' careful tests and repeated trials, is absolutely the best that experience can achieve or money can buy, and we offer it with the fullest confidence that it is unsurpassed by any other mixture...



McKenzie's Western Parks Lawn Seed

1535—A most reliable mixture of fine growing grasses. Where economy in price is a consideration, we strongly recommend "Western Parks"—it will produce a very satisfactory green lawn and is the best mixture ever offered at the price.....

By Express at purchasers' expense		
1 lb. Postpaid	5 lbs. or more	10 lbs. or more
55c	42c	40c
50c	37c	35c



Sporting Ground Mixture

For School Grounds, Large Farm Yards,
Tennis Grounds, Football Grounds,
Race Tracks, etc.

1540—McKenzie's Sporting Ground Mixture is a carefully selected and prepared mixture for tennis grounds, football grounds, race tracks, school grounds, cemeteries, etc., where the area seeded is intended to encounter hardship. A mixture that will grow quickly and possesses qualities of endurance is what is requisite. It will not make as fine and beautiful turf as McKenzie's Emerald Green, as this special high-grade mixture is intended exclusively to produce the most handsome lawns in Canada.

25 lbs. or more.....**35c** per lb.

50 lbs. or more.....**34c** per lb.

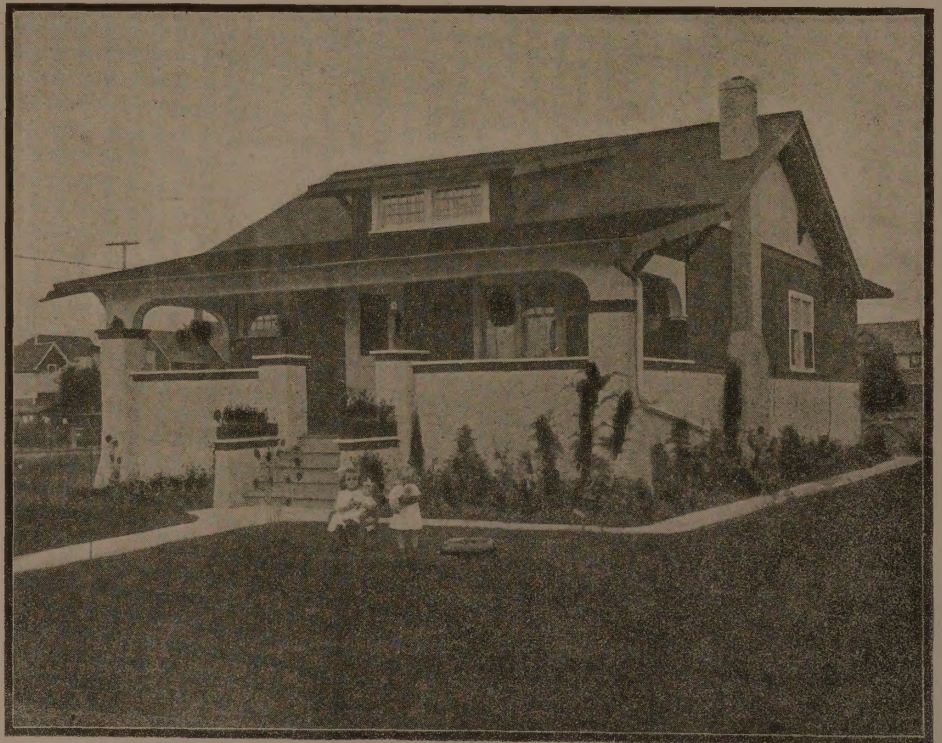
If ordered sent by mail, add 10c. per pound to cover postage, otherwise it will be forwarded by express or freight at purchaser's expense. Orders for 10 lbs. or more, add 60c. for cotton bag.

QUANTITY OF SEED REQUIRED FOR NEW LAWNS

1 lb. will sow.....300 square feet

125 to 140 lbs. per acre.

To obtain best results a liberal seeding is recommended.



A Typical Brandon Lawn, sown with McKenzie's Lawn Seed.
A year before this photo was taken this lawn was raw prairie.

Supplement SPECIAL PRICES

READ BOTH SIDES

Prices quoted subject to change without notice

OATS—WHEAT

OATS—Add for each 3 bushels **25c** for jute sack

WHEAT—Add for each 2 bushels **25c** for jute sack

When ordering, use order sheet and indicate stock by number

READ BOTH SIDES

Ex Warehouse
Brandon

Prices Quoted in this Supplement are on Quantities not less than 30 Bushels

Quality

The Stocks offered in this "Supplement" are high class, and specially selected. While they are of superior quality and exceptional value, they are not pedigreed or grown under special conditions, as are the stocks offered on pages 41, 42 and 43.

We think it desirable to emphasize the fact that the stocks offered by us, unlike those offered by elevators and other sources, represent distinct varieties. Those who have sown Seed Oats, sometimes described as No. 1 or No. 2, and which consist of several varieties mixed together in a bin, and have witnessed their uneven growth and ripening, will readily appreciate the value of securing Seed Oats all of one variety.

Ask for Prices on Car Load Quantities.



Change of Oat Prices

The lowest price at which we can sell these "Supplement Stocks" of Seed Oats in 30 bushel lots or more is **AS PER PRINTED PRICES IN THIS SUPPLEMENT**, although based on quality and cost we should sell no variety at less than **\$1.33** per bushel.

When Fort William Spot or May price for commercial grade No. 2 C.W. is **88c** or less per bushel, our price will be as per published prices for respective varieties, and on every advance of market over **88c** these published prices in this supplement advance concurrently **1c** per bushel or fraction thereof.

Price will be established according to the close of the market on the day your order is received. Full value of your remittance will be shipped on this basis.

OATS. Abundance

STOCK NO

K 32 This variety for commercial purposes stands unrivalled. If

you are growing Oats for sale rather than for your own use for feed, and not very particular about the straw, then without doubt this is the Oat for you.

It is a large, plump, fine appearing Oat, and frequently commands a premium over the market. It does not stool well, and for this reason should be sown thicker than other varieties, say 3 to 3½ bushels per acre. The stock we offer is clean, plump and of high quality.

PRICE

Per Bushel

\$1.19



OATS. American Banner

STOCK NO

K 42 Banner stands supreme in Western Canada as the most popular Oat. It does uniformly well over a larger area than any other variety. Not only is it a good market oat, but it produces plenty of straw and is **A1** for sheaf feed.

Stock **K 42** here offered is a very typical sample, undoubtedly true to type. The color is good, well matured and of good vitality.

PRICE

Per Bushel

\$1.23



NOTE

Seed Control Act—The Act defines Grains not having more than one noxious seed per lb. as free within the meaning of the Act.

Cash Deposit

The system instituted by us in former years of reserving orders on payment of cash deposit accompanying orders has been much appreciated by our customers, whose financial circumstances in view of crop failure, were such as to require assistance. We rely upon the integrity of our buyers, not to abuse this privilege.

Our offer is as follows, viz.: On payment of $\frac{1}{3}$ of total value of order, including bags, we will reserve the quantity ordered, and hold same free of storage, insurance or interest.

The price will be based on the current values on the date order and deposit are received. Orders will be accepted on this basis up to March 1st, 1920, on the understanding that the balance is paid in full not later than April 1st, and shipping instructions given at that date. If shipment is required before that date, then the balance must be paid when shipping instructions are given.

This special privilege includes stocks taken from both "supplement" and "catalogue," and is extended not only to individual farmers, but also to municipalities and societies or farmers who club together for the purpose of buying in car lots.

This favor has been much appreciated by our customers in the past, and we cordially invite you to take advantage of it, if it will facilitate you in any way.



Special Freight Rates

The Transportation Companies are again granting reduced rates on Seed Wheat, Oats, Barley, Rye, Speltz and Grass Seeds, in carload or lesser quantities.

Freight rates have increased 25%. The saving in freight charges therefore by ordering from Brandon are greater than ever.



Substitution

It sometimes happens that we sell out of one particular variety, but have ample stocks of some of the other varieties offered. We would suggest, therefore, when ordering, that a first, second or third choice be given. In all cases the first choice will be shipped, unless sold out.

NON WARRANTY

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms. we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

A. E. McKenzie Co., Ltd., Brandon, Man.

OATS. Victory

STOCK NO

K 52 Its merit and suitability for the West are undoubted.

PRICE

The kernels which are usually of a pleasing white color are short and plump, practically free from awns. The straw possesses a peculiar elasticity and in consequence it is not easily broken, but stands up well against severe storms.

Per Bushel

\$1.22

This is a very fine heavy stock of this variety, germinates particularly well, you will be pleased with it.



OATS. Garton's 22

STOCK NO

K 62 Its drought resisting qualities are very marked, while its ability to withstand hot dry winds is remarkable.

PRICE

Experience has shown that it will produce plump kernels under conditions where other varieties would be a comparative failure. It is very early, stiff strawed, which stands up well.

The hull is unusually thick, so much so, that it has been found difficult sometimes to get a satisfactory germination test artificially, although the seed when sown in the open ground grew A1.

Per Bushel

\$1.24

The stock we offer is a typical sample, well-ripened and of good quality.



WHEAT. Marquis

STOCK NO

K 82 Grown from selected seed, under ordinary conditions, not

Per Bushel

\$3.00

pedigreed, but a high grade wheat of good vitality, well-cleaned, free from weeds.

ORDER FORM

A.E. McKenzie Co. Ltd

BRANDON, MAN.

WE DO NOT
SHIP C.O.D.

For office use only

Postage

Bill of Lading No.

Be Sure to Give Name and Address

CALGARY, ALTA.

NAME

Mr. Mrs. or Miss

P.O.

PROV.

Railway
Station

Is there an
Agent here?

If no Agent include prepay charges

Yes or No.

Forwarded by { State here whether wanted
by Mail, Express or Freight.
otherwise we use our discretion, }

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give, any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised and money paid for same, including freight, will be promptly refunded. We will give disposal instructions.

RESERVED SPACE

PLEASE DO NOT WRITE HERE

Date
Received

Amount
Received

MAIL

FREIGHT

EXPRESS

No of
Packets

No of
Packages

Date
Sent

Put up by

Checked by

Leave Blank
Stock Ref.
Check

BusheIs

Pounds

Ounces

Packets

Number in
Catalog

NAMES OF SEEDS, ETC. WANTED

Price
Rate

Extension
\$ of Cost c.

COST OF BAGS AS PER CATALOG

Order continued on back of this sheet
Amount Carried Forward

Every order for SEED GRAIN, CLOVERS, GRASSES, 10 lbs. or more No. _____
VEGETABLE SEEDS require Bags, and the price must be included.

CALGARY, ALTA.

Do not overlook including Bags where needed.
Be sure to give your Name and Address, and keep a copy of your order as sent to us.
Extra order forms mailed upon request.

Progressiveness

FORWARD or BACKWARD—which? You are invited to join
the "Forward Movement" of Better Agriculture

VEGETABLE SEEDS

Where does your interest lie?

If you know, why not act?

Speaking of the family table, if you can live better and at a considerably reduced cost, why do you not do it?

What does it cost you for meat and canned goods?

Why do you not balance your table costs by using *more vegetables*?

The most practical method to reduce table costs and still live better is to *grow your own Vegetables*.

Do you know that \$2.00 invested in garden seed will produce delicious vegetables equal in value to \$100.00 worth?

Mail your order for McKenzie seeds today.

Pages 1 to 40

FLOWERS

Just a little touch of refinement.

Something beautiful, chaste and restful.

So different from anything else that grows in the garden or on the farm.

After a hard days work—how refreshing it is to step outside, and instead of viewing barrenness to see the cultivated flowers. How they speak to us.

There is so much of the practical and rough and tumble in life, so to speak—hard work, week in and week out, that we need the refining influence of flowers.

We get out of life what we put into it.

There is no excellence without effort.

Pages 58 to 80

GRASS & CLOVER SEEDS

Experience is a hard teacher.

Necessity forces the application of new methods.

As land becomes impaired by repeated grain cultivation, necessity forces crop rotation and the seeding of grasses to restore soil fertility.

Then, too, the gradual breaking up of Prairie, which formerly produced hay, also adds its quota to forcing the systematic setting aside of lands to grass and hay cultivation.

Seeding more land to grasses is the solution to a number of the problems facing the agriculturist today.

Act Now.

Pages 52 to 57

SEED GRAIN

Like begets like.

In the animal kingdom inferior parentage begets like offspring.

The inevitable law of like producing like holds in plant and cereal production as in animals.

"Come, let us reason together."

Does it pay to sow inferior seed and reap a poor harvest?

The additional cost of *good seed* is not an expense but an investment.

The extra you pay is returned to you manifold.

Poor seed costs only a trifle less than good seed—it requires just as good land,—if anything requires more moisture—reduces value of the land.

It costs just as much for labor, yields less in quantity and quality.

It make you a poorer man.

Make a beginning—even if only a few acres.

If the grain you are keeping for seed is inferior, sell it, and invest in *good seed*. *It pays*.

Pages 41 to 51

COLLECTIONS



A

- 1/2 pound BEANS
- 1 ounce BEET
- 1 packet CABBAGE, Early
- 1 ounce CARROT
- 1 packet CAULIFLOWER
- 1 packet CITRON
- 1/2 pound CORN
- 1 packet CORN
- 1 packet CUCUMBER
- 1 packet CUCUMBER, Pickling
- 1 packet LETTUCE, Head
- 1 packet LETTUCE, Leaf
- 1 ounce ONIONS
- 1 packet ONIONS
- 1 packet ONIONS, Pickling
- 1/2 pound PEAS
- 1 packet PARSLEY
- 1 packet PARSNIP
- 1 ounce RADISH, Turnip Shaped
- 1 packet RADISH, Long
- 1 ounce TURNIP, Garden
- 1 packet VEGETABLE MARROW, English
- 1 packet SAGE
- 1 packet MANGEL
- 1 packet TURNIP, Field
- 1 ounce SWEET PEAS

Post
paid

\$3.20

Post
paid

(Cost if items ordered separately
\$4.35)

Local Merchants Sell McKenzie Seeds

We aim to co-operate with general merchants and make it easy for the seed-buying public to purchase McKenzie's tested seeds. To accomplish this, McKenzie's Packet Seeds are on sale in practically every general store in Western Canada. If your local merchant does not handle McKenzie's Seeds, please write us direct to Head Office, Brandon, Man.

Most merchants stock McKenzie's Bulk Seeds, or will take orders for Bulk as well as for the above Collections.

The Purpose of Seed Collections

In offering these collections, we aim to serve a dual purpose, *First:* They are a decided convenience to those who are unfamiliar with the most suitable varieties and the proportionate quantities required for the average garden. *Second:* Putting them up in large quantities in advance of the active season, we are able to do so more economically than if special orders are put up. This economic advantage we give to our customers.

B

- 1/2 pound BEANS
- 1 ounce BEET
- 1 ounce CARROT, 1/2 pound CORN
- 1 packet CORN
- 1 packet CUCUMBER, Pickling
- 1 packet CUCUMBER
- 1 packet LETTUCE, Head
- 1 packet LETTUCE, Leaf
- 1 ounce ONION, Yellow
- 1 packet ONION, Red
- 1 packet ONION, Pickling
- 1/2 pound PEAS, Early
- 1 packet PEAS, Main Crop
- 1 packet PARSNIP
- 1 ounce RADISH, Turnip Shaped
- 1 packet RADISH, Long
- 1 ounce TURNIP, Field
- 1 packet TURNIP, Garden
- 1 packet VEGETABLE MARROW, English
- 1 packet SWEET PEAS, Spencer
- 1 packet NASTURTIUM
- 1 packet STOCKS
- 1 packet MIGNONETTE
- 1 packet SWEET ALYSSUM
- 1 packet PANSY

Post
paid

\$3.45

Post
paid

(Cost if items ordered separately
\$4.05)

The Difference

in price of these Collections as compared with the individual items purchased separately is 20c. to 70c. in the buyers' favor; therefore, they are **MORE ECONOMICAL**, while the **QUALITY** of the seeds is **IDENTICAL**.

Postpaid

Kindly note the prices quoted include postage, varying from 22c to 28c, according to size of collection ordered.

No Alterations

As it is only possible to offer these collections at the moderate prices named by providing and packeting the seeds in advance of the selling season, it will be readily understood that no alteration, reduction, or substitution in the contents of any collection is permissible.

C

FIELD ROOT SEEDS

- 1/2 pound SUGAR BEET
- 1/2 pound MANGEL
- 1/4 pound CARROT
- 1/2 pound TURNIP
- 1 pound RAPE

Post
paid

\$1.25

Post
paid

(Cost if items ordered separately
\$1.95)



The High Cost of Living

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Economists of widely different shades of thought and political aims are unanimous in their opinion that the solution of this vexed problem, which is largely the basic cause of much of the unrest which prevails, rests with greater production. To accomplish this, the work must not be left to farmers and professional gardeners; everybody must take a hand, and there must be a strong pull all together, so that this reconstruction period may be so organized that we may reap the benefits of our hard-won victory. Let everyone get into their garden and, by increased production, usher in the day of "peace and plenty" which we all long for.

Beans

Improved Golden Wax

One of the Best Butter Beans in Cultivation

Pkt. 10c, 1/2 lb. 35c, 1 lb. 65c. Postpaid

25—Practically everyone is more or less familiar with the wax varieties. We particularly wish to call attention to the Improved Golden Wax Seed we send out. A very desirable feature of this strain of Golden Wax is its habit of retaining its extreme tenderness throughout the season; it is thus valuable as a succession crop. Its remarkable productiveness and adaptability to the varied conditions of the West, combined with many other superb characteristics, makes it one of the best varieties to grow. Although not the earliest, it is unquestionably one of the heaviest croppers (growing to perfection in our Western prairie soil), and its certainty in this respect makes it especially valuable. The bushes are remarkably hardy and extremely prolific, about 16 inches high. The pods, averaging six inches long, are exceedingly handsome, large, broad, thick and solid, flesh of exceptionally fine quality, very tender, brittle, stringless, and beautiful golden yellow color of a very appetizing appearance. The plants are hardy and bear abundantly. Resist rust to a marked degree. Seeds are white with brown or black markings near the eye. It has a most delicate and delicious flavor.

(See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

As a healthful recreation, nothing compares with the cultivation of culinary vegetables. It never gets monotonous, for the work changes from day to day, and every day brings its own problems.

Wardwell's Kidney Wax

The Better It Is Known,
the More It Is Appreciated

Pkt. 10c, 1/2 lb. 40c, 1 lb. 70c. Postpaid

28—Its cropping qualities are phenomenal, yielding equally as well as the Golden Wax, but a little later in maturing. Its handsome waxy yellow, brittle pods are remarkable for their fine flavor. The plant is a sturdy, upright bush, growing 15 inches high. Pods straight, flat, 5 to 6 inches in length, are of nice uniform shape; there is little or no cavity between kernels, all solid flesh, the quality of which is sustained throughout, and planters generally find it one of the most satisfactory crops they can raise. Market gardeners find this bean one of the most profitable. (See illustration.)

Artichoke

1—LARGE GREEN GLOBE. Cultivated for its flower heads, which resemble a giant thistle, and are cooked as you would Asparagus. Buds large globular, deep green with tint of purple at base. Pkt. 10c, oz. \$1.20. Postpaid.

Asparagus

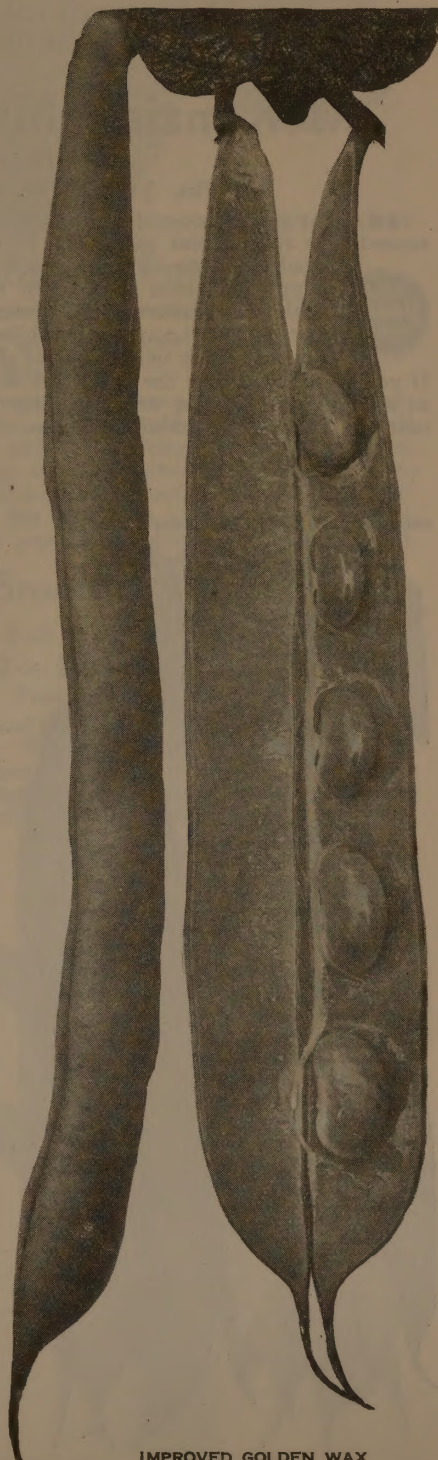
11—CONOVER'S COLOSSAL. Large and hardy. Pkt. 10c, oz. 20c, 1/4 lb. 50c. Postpaid.

12—PALMETTO. Shoots are light green, tinted slightly with pink. Pkt. 10c, oz. 20c, 1/4 lb. 50c. Postpaid.

13—GIANT ARGENTEUIL. Large thick white shoots. Pkt. 10c, oz. 20c, 1/4 lb. 50c. Postpaid.



WARDWELL'S KIDNEY WAX



IMPROVED GOLDEN WAX

Beans

Dwarf Black Wax

Bears Pods of Deep Golden Yellow Continually Throughout the Season

Pkt. 10c, 1/2 lb. 35c, 1 lb. 65c. Postpaid

26—Everybody loves the Dwarf Black Wax. Meaty and luscious; certainly a grand old variety. Owing to its exceptionally sweet buttery flavor Black Wax has always been one of the most popular and most generally grown.

While the pods are a trifle shorter than the old favorite Flageolet, they are much thicker, more rounded in shape and much more luscious. It has that rich flavor so much desired but seldom found; it is very brittle and tender, cooking rich and meaty. In habit of growth it is dwarf, averaging 14 to 16 inches and of a rich golden yellow color. (See illustration.)

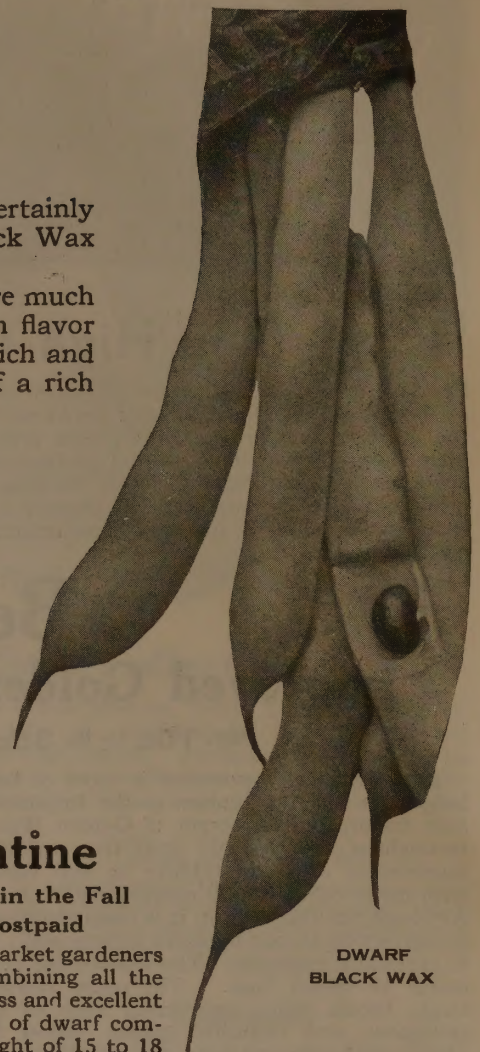
McKenzie's Matchless Green Pod

The Quickest to Produce Pods

Pkt. 10c, 1/2 lb. 40c, 1 lb. 70c. Postpaid

48—The plants are of erect sturdy habit averaging a uniform height of 18 inches; are exceedingly robust and noted for their extreme earliness and productiveness. Is undoubtedly the very best variety to plant at intervals so as to have a continuous supply of beans throughout the summer. The bushes are absolutely covered with large clusters of rich green pods, which are not only of uniform appearance, but are well-rounded, saddle-backed, very meaty, tender and brittle, being devoid of any indications of stringiness even when the pods are fully developed.

If you were to go over the entire list of Green Pod Beans you could not find any variety so uniformly popular or better quality than McKenzie's Matchless. It is the finest and best of all Green Pod Stringless Beans. (See illustration.)



DWARF
BLACK WAX

Earliest Red Valentine

Very Early in the Spring

Late in the Fall

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

49—As an early "SNAP BEAN" praised by market gardeners and home growers, it is not easily excelled, combining all the necessary qualities such as earliness, productiveness and excellent flavor in a very marked degree. The bushes are of dwarf compact growth, of robust habit, with a uniform height of 15 to 18 inches. The pods, which are usually ready to pick in about 45 days after germinating, average 5 inches in length, of excellent flavor, the flesh being not only very meaty, but of a decided sweetness. The shapely pods are well rounded, very saddle-backed, decidedly brittle and almost stringless, especially when young. The foliage is a deep rich green and ample to protect the beans from the sun.

Scarlet Runner or Climbing Bean

For Culinary and Ornamental Use

Pkt. 10c, 1/2 lb. 45c, 1 lb. 80c. Postpaid

94—An old favorite for table use, being very early, exceedingly productive and fine flavor when cooked. Is extensively used for ornamental purposes, as its leaves make excellent shade for bowers, arches, fences and trellises. It has a strikingly bright scarlet pea-like flower. Seed large, bright scarlet, heavily blotched with purple. Scarlet Runners do well in our cool climate.

English Broad Windsor

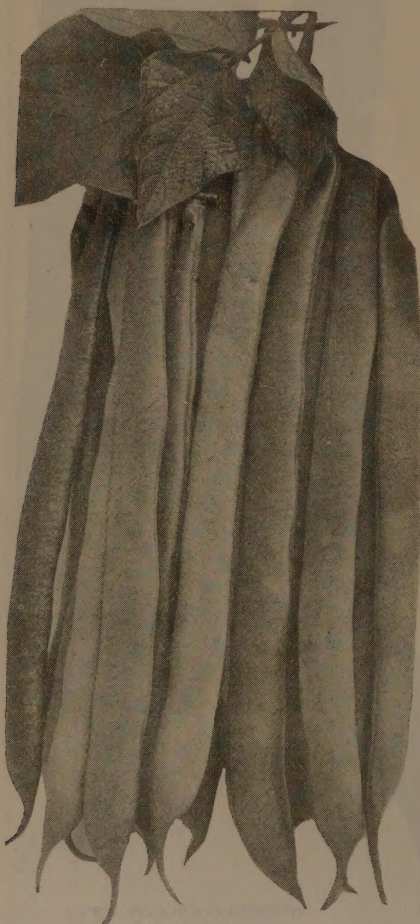
An Old
Favorite

Pkt. 10c, 1/2 lb. 40c, 1 lb. 65c. Postpaid

95—This is not a string bean of any sort, but a very well-known popular variety and is one of the leading favorites for exhibition or table. We strongly recommend its more general use. Our stock has been very carefully selected. Of large size and fine quality. Produces immense pods.

Other Varieties

	Pkt.	Postpaid 1/2 lb.	1 lb.
96—SEVILLE LONG POD BROAD. Several days earlier than Broad Windsor and longer pods, but not quite so broad, excellent quality.....	.10	.40	.65
SHELL BEANS FOR WINTER USE			
72—McKENZIE'S FAMOUS MARROWFAT. A standard cropper and unsurpassed for baking.....	.10	.25	.40
73—BOSTON EARLY NAVY. A splendid field variety and excellent for baking..	.10	.25	.35
75—ROYAL WHITE KIDNEY. Very prolific.....	.10	.25	.35



MCKENZIE'S MATCHLESS GREEN POD

Beet

McKenzie's Extra Early

Very Sweet and Tender

Pkt. 10c, 1 oz. 20c, 2 oz. 35c, 1/4 lb. 60c,
1/2 lb. \$1.10. Postpaid

122—This is a distinct improvement on the old type Extra Early Egyptian, being the earliest, turnip-shaped, small, symmetrical, deep blood color beet. In many respects it resembles Crosby's Egyptian. The striking characteristics of this beet are its small tops, short roots, uniformity of size, delicious tenderness, freedom from woody or stringy roots, extreme earliness and perfection of shape. We have set a standard in McKenzie's Extra Early so high that it stands out strongly and distinctly in a class entirely its own. To obtain a Beet of perfect shape, coloring, freedom from woodiness, short tap root, perfect symmetry, true to type and small top has been our aim in this Beet. It is a turnip shape, dark blood red in color, interior color is deep crimson, ridged or zoned in a most beautiful manner. Being a rapid grower and unsurpassed as a forcing variety, adapted to late and early sowing, it is especially valued by market gardeners. (See illustration.)



Crosby's Egyptian

A Deservedly Popular Variety

Pkt. 10c, 1 oz. 20c, 2 oz. 35c, 1/4 lb. 60c, 1/2 lb. \$1.10.
Postpaid

126—An improvement on Extra Early Egyptian. One of the finest Beets in cultivation, introduced by that noted Boston gardener, Mr. Crosby, which in itself is a sufficient guarantee of excellence. It is a turnip-shaped variety of very deep red color. Not so globular as Eclipse and fuller at the top than Flat Egyptian. It is of handsome and uniform shape and fine flavor. Altogether a grand variety, which we strongly recommend. Being a rapid grower, can be sown as late as July.

Egyptian Extra Early

The Earliest Turnip-shaped Beet

Pkt. 10c, 1 oz. 20c, 2 oz. 35c, 1/4 lb. 60c, 1/2 lb. \$1.10.
Postpaid

128—Considered by many prominent gardeners as the most popular forcing variety on account of its small top. Handsome dark red roots which are rounded on top but flat underneath with very small tap roots. Of dark red flesh, solid, crisp, tender, rich and sugary flavor and very fine grained. This variety continues a firm favorite with those who prefer to grow the flat types of Beet. Owing to its small tops can be planted closer than some sorts.

Swiss Chard or Spinach Beet

Pkt. 10c, 1 oz. 25c, 2 oz. 45c, 1/4 lb. 75c, 1/2 lb. \$1.25. Postpaid

140—The principal use for Swiss Chard is to cook the leaves the same as Spinach, and the stalks are palatable if prepared and cooked like Asparagus. Grows about two feet high. Affords two distinct dishes from the same plant. (See illustration.)

Other Varieties

	Pkt.	Oz.	2 oz.	1/4 lb.	1/2 lb.
125—EDMAND'S EARLY TURNIP. In quality one of the finest; exceedingly dark; shape globular.....	.10	.15	.25	.45	.80
127—ECLIPSE. In form nearly globular, with a small tap root, and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young.....	.10	.15	.25	.45	.80
124—COVENT GARDEN. A variety possessing the attributes which have made it so immensely popular with gardeners and home growers. The roots are half long, very broad at the crown, tapering very gradually towards the tip. Though not quite so early as the early round Beets, it easily excels them for quality. The roots are absolutely devoid of coarseness.....	.10	.25	.40	.70	1.25
139—DETROIT DARK RED. Turnip shape. Remarkably smooth and uniform. Medium size fine-grained and tender. Can be used early or late.....	.10	.20	.35	.60	1.10



PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

MCKENZIE'S EXTRA EARLY

Early Blood Turnip

A Dependable Cropper

Pkt. 10c, 1 oz. 15c, 2 oz. 25c, 1/4 lb. 45c, 1/2 lb. 80c.
Postpaid

123—A fine strain of excellent flavor and tissue. Averages 3 to 3 1/2 inches in diameter, of remarkably smooth surface. It has a very small tap root and flesh is ringed with dark crimson, entirely free of any stringy or woody character. Round beets are of the greatest value on account of earliness and have superseded the old fashioned flat types to a considerable extent. McKenzie's strain of this popular variety is in great demand.

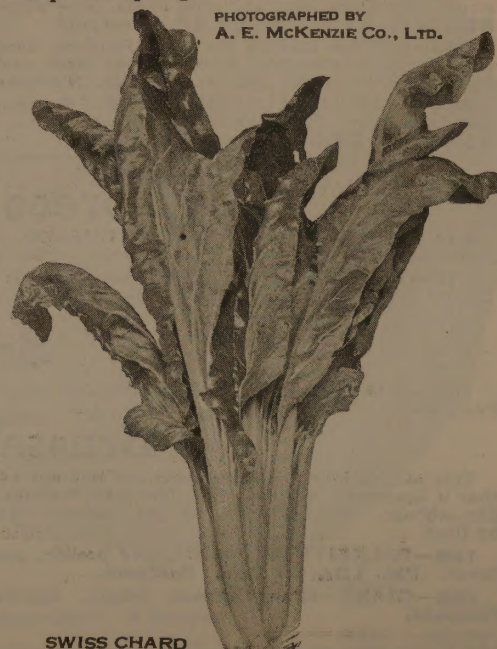
Long Smooth Blood

Good for Fall and Winter Use

Pkt. 10c, 1 oz. 15c, 2 oz. 25c, 1/4 lb. 45c, 1/2 lb. 80c.
Postpaid

129—One of the best and most popular table beets, especially for Fall and Winter use. Tops large, necks small, leaf green, roots large, tapering, growing even with the surface. Flesh dark red, zoned with a lighter shade; very tender and sweet, remaining so when kept till spring. A late variety.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



SWISS CHARD

Cauliflower

McKenzie's

Pedigreed Early Snowcap

The Choicest Strain in the World; Succeeds where Others Fail

Pkt. 25c, 1/4 oz. **\$1.60**, 1/2 oz. **\$3.00**, 1 oz. **\$5.50**. Postpaid

339—McKenzie's Snowcap is excellent for both early and late planting. It grows more heads to a given area than later maturing sorts owing to its close growing habit. To those who have not been successful in their efforts to grow Cauliflowers we say "Try McKenzie's Snowcap," which is without a doubt a wonderful combination of earliness, firm heading character, handsome appearance and superior quality. Market gardeners speak very highly of it, as well as growers for private use. **The finest quality cauliflower for all seasons.**

The plants are compact, with a few narrow, upright leaves and are well suited for close planting. The heads are solid, round, very white and curd-like, and develop earlier than those of any other sort. So extremely solid and deep are the globe-shaped heads that they weigh heavier than other heads of equal size, and the flavor is luscious and deliciously sweet. The Prairie West produces exceptionally fine quality cauliflowers and we have never seen finer specimens than those annually grown in the West. (See illustration.)



PHOTOGRAPHED
BY A. E. Mc-
KENZIE CO.,
LTD.

MCKENZIE'S PEDIGREED EARLY SNOWCAP

Early Dwarf Erfurt

Pkt. 25c, 1/4 oz. **\$1.60**, 1/2 oz. **\$3.00**, 1 oz. **\$5.50**. Postpaid

341—The word "Selected" applies more particularly to Cauliflower than perhaps any other seed sold. Selection is absolutely necessary in order to obtain that high standard of quality which is so essential to meet the requirements of those who grow for market or private use. The stock we offer is unquestionably of the finest "Selected" Strain. The **EARLY DWARF ERFURT** is very early, small leaved, produces large, close heads of exceptional solidity and whiteness and is very fine for forcing. For pickling purposes it is unsurpassed. Its ease of culture and remarkably fine growth has been the means of winning it great prominence.

Snowball

Always a popular dependable variety

Pkt. 25c, 1/4 oz. **\$1.60**, 1/2 oz. **\$3.00**, 1 oz. **\$5.50**. Postpaid

340—Considered by many to be the best for earliness, compact habit and uniformity of shape. Its compact size is one of its chief characteristics. Very early, white and solid. Forms snow-white heads six to ten inches in diameter surrounded by few short upright leaves. Unequalled for forcing and one of the best for late Summer and Fall crops.

Other Varieties

342—**LENORMAND'S SHORT STEM.** A large late variety with well formed heads on extremely short, stout stems. Produces large and solid heads, pure white, and keeps well. Hardy and productive. Pkt. 10c, 1/4 oz. **80c**, 1/2 oz. **\$1.50**, oz. **\$2.50**. Postpaid.

343—**EXTRA EARLY PARIS.** Produces heads of medium size, forming soon; stem rather long, leaves narrow, almost straight. Ready to cut three weeks after McKenzie's Early Pedigreed Snowcap. Pkt. 10c, 1/4 oz. **80c**, 1/2 oz. **\$1.50**, oz. **\$2.50**. Postpaid.

344—**VEITCH'S AUTUMN GIANT.** Recognized in the British Isles as the Standard late variety and is a grand selection. Produces very large heads, firm, white and well protected. Pkt. 10c, 1/4 oz. **75c**, 1/2 oz. **\$1.40**, oz. **\$2.00**. Postpaid.

Borecole or Kale

611—**DWARF GREEN SCOTCH CURLED.** Leaves of a bright green, very tender and closely curled. Plants about 18 inches high. Quite hardy. Pkt. 10c, oz. **50c**, 1/4 lb. **\$1.50**. Postpaid

612—**TALL GREEN CURLED.** Grows about 2 1/2 ft. high, making very attractive plants. Similar to Dwarf, but more vigorous. Pkt. 10c, oz. **50c**, 1/4 lb. **\$1.50**. Postpaid.

Broccoli

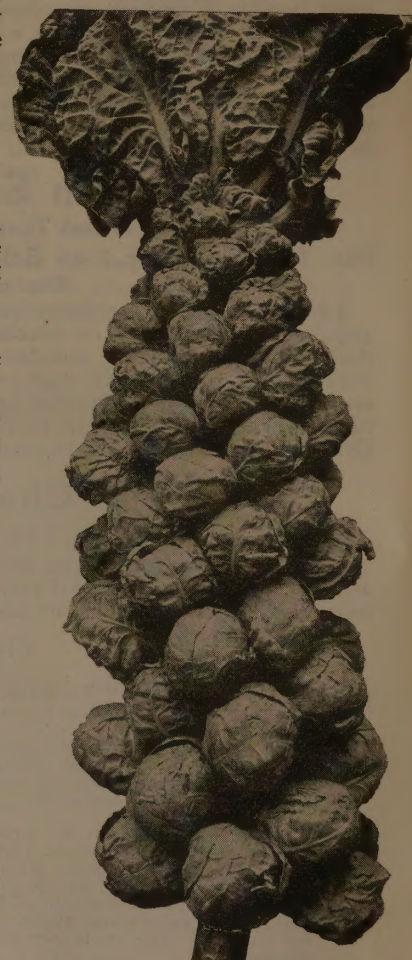
155—**WALCHEREN.** Medium size, firm white heads similar to Cauliflower. Pkt. 10c, oz. **\$1.50**. Postpaid.

Brussels Sprouts

This old-fashioned delicate vegetable has not received the attention from gardeners in the Canadian West that it deserves. Very hardy. The plant belongs to the cabbage family and should be grown and cultivated like cabbage. The Sprouts which grow around the strong upright stems are large, tender, and not easily affected by frost.

165—**DALKEITH STRAIN.** Very prolific, producing an enormous quantity of large sprouts delicious in flavor. Pkt. 10c, oz. **75c**. Postpaid.

166—**GIANT**—Grows medium height. Sprouts very firm and excellent flavor. Pkt. 10c, oz. **75c**. Postpaid.



DALKEITH STRAIN

Cabbage First Early Varieties

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

McKenzie's Northern Favorite

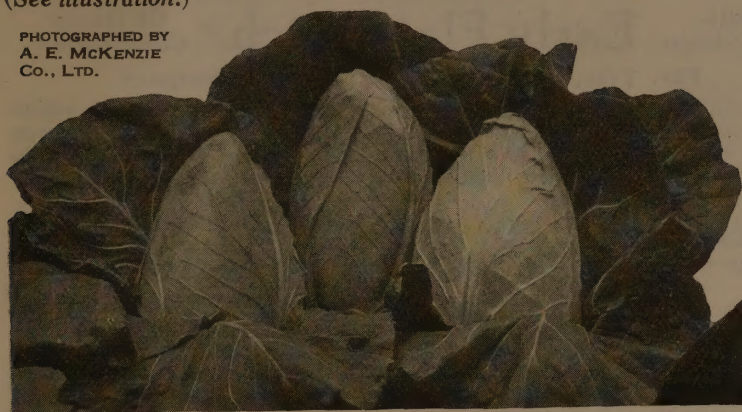
The Standard Early Cabbage

Pkt. 10c, oz. 80c, 1/4 lb. \$2.25. Postpaid

175—Our illustration shows this grand variety with fully developed head. It succeeds everywhere and the results have been so satisfactory that gardeners, quick to recognize its merits, have made it their favorite in use as well as name. A more suitable variety for our prairie soils and climate could not be had anywhere. There is no cabbage among the early varieties having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that fine cabbages can be obtained long before maturity. It seldom bursts and can be left in the field after maturity. Is medium early, hardy, conical shape heads about the same size as Early Winningstadt, attractive appearance, splendid keeper, mild and delicious flavor, fine quality. The leaves are of a dark green shade. (See illustration.)



PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



EXTRA EARLY EXPRESS

Extra Early Express

Pkt. 10c, oz. 70c, 1/4 lb. \$2.00. Postpaid

180—One of the earliest varieties in cultivation, should be sown for first crop, fully a week earlier than the Wakefields, heads are conical shaped and for such an early sort the heads are very firm, excellent quality; if you have not tried this before, we heartily recommend you to do so, feeling confident it will please you.

Glory of Enkhuizen The Largest Cropping Early Variety

Pkt. 10c, oz. 80c, 1/4 lb. \$2.50. Postpaid

179—Introduced from Holland several years ago and is rapidly gaining in popularity wherever it is grown. It produces fine marketable heads—very solid with few outer leaves. Grows dwarf and compact, permitting close planting, and is remarkable for its uniform size and long-keeping qualities. The heads are of medium size, tender and of fine flavor. Highly recommended. Is valuable for sowing late in the season for early winter use.

Copenhagen Market The Market Gardener's Favorite

Pkt. 10c, oz. \$1.00, 1/4 lb. \$3.00. Postpaid

176—Conceded to be the finest large, round headed, early cabbage yet introduced, which has created quite a furore in Europe and America. Its uniform maturing qualities make it particularly valuable to the market grower, enabling him to gather his crop all at one time. A short-stemmed variety. The heads average about ten pounds in weight and grow close to the ground. Is undoubtedly without a rival. Strongly recommended for market of home use. (See illustration.)

COPENHAGEN
MARKET



PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

Other First Early Varieties

178—CHARLESTON WAKEFIELD. Only a few days later than Jersey Wakefield and about as large again. A favorite with Market Gardeners everywhere.
181—EARLY SPRING. Another early flathead; solid, uniform and fine grained.
182—EARLY WINNINGSTADT. Conical shape, very hard, and an excellent keeper. A grand variety for market gardeners

Pkt.	Postpaid Oz.	1/4 lb.
.10	.70	\$2.00
.10	.70	2.00
.10	.70	2.00

PHOTOGRAPHED BY A. E.
McKENZIE CO., LTD.



BRANDON MARKET

PHOTOGRAPHED BY A. E.
McKENZIE CO., LTD.



EARLY FLAT DUTCH

PHOTOGRAPHED
BY A. E.
McKENZIE CO.,
LTD.



ALL HEAD EARLY

Cabbage

Second Early
Varieties

McKenzie's Brandon Market

The Finest Second Early Cabbage Grown

Pkt. 10c, oz. 80c, 1/4 lb. \$2.25. Postpaid

202—Matures a few days later than the Early Jersey Wakefield, and a trifle later than Northern Favorite, but 4 or 5 days earlier than Succession.

One of the leading features in favor of this grand selection is its reliability to produce a crop—a factor of immense importance in this Western Country.

It will head under the most adverse conditions, and the eating quality is not excelled by any cabbage.

Grows quickly, very hard heads, not liable to burst, round, but slightly flattened on top. Darkish green in color, exceptionally tender, mild and fine flavor. Excellent for summer use and equally good for fall and winter. For boiling, slaw, sauerkraut and salads it is unsurpassed, being crisp, tender, sweet and mild. It is well adapted to Western Canada, growing well on all soils and withstanding hot, dry and extremes of weather. (See illustration.)



A Well-known Strain

Early Flat Dutch

Of Hardy Constitution

Pkt. 10c, oz. 60c, 1/4 lb. \$1.75. Postpaid

208—Admirably adapted to withstand varied climatic conditions, which makes it particularly suitable for our climate. This variety grows a large and very solid head. Of excellent keeping quality and is notable for its freedom from bursting. See illustration, which gives a remarkably clear idea of this popular cabbage

The Earliest of all Large Cabbages

All Head Early

Aptly Named

Pkt. 10c, oz. 70c, 1/4 lb. \$2.00. Postpaid

204—One of the most popular kinds producing extra large heads, uniform in color, form and size. Remarkably free from "spreading" leaves, thus permitting close planting and increased yield per acre. Considered to be one of the best large second early Cabbages. As its name indicates, it is practically "All Head." Grows larger than any other Early Summer Cabbage. Well worthy of attention from Gardeners and others. (See illustration.)

Danish Summer Ballhead

Grows Splendid Heads

Pkt. 10c, oz. 80c, 1/4 lb. \$2.50. Postpaid

203—Ours is the true imported Stock direct from Denmark and is the best obtainable. Grown specially for us by the most expert growers in that country. It is one of the newest cabbage introductions—second early variety of exceptionally fine table quality. Produces heads absolutely round, very firm and solid. Inner leaves snow white. It grows well on all soils and under most conditions with standing hot, dry weather.

Other Second Early Varieties

	Pkt.	Oz.	Postpaid 1/4 lb.
205 HENDERSON'S EARLY SUMMER. A desirable medium-sized, early flat-headed variety. A good keeper and does well in summer and autumn.	.10	.70	\$2.00
206 ALL SEASONS. One of the best; remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size.	.10	.70	2.00
207 SUCCESSION. About ten days later than Early Summer. Is a dwarf, flat-head, light green and very solid.	.10	.70	2.00
209 VANDERGAW. Comes in with Succession and All Seasons; forms solid head.	.10	.70	2.00

COMPANION CROPS

Crops which may be planted together in the same space and occupy the same ground together are known as companion crops. Between the rows of early Cabbage may be planted Lettuce or Radishes. In the row with Onions, Parsnips and Carrots, Radishes may be sown thinly.

Lettuce may be sown between Tomato plants. Radishes in rows between String Beans. Squash may be planted among early Sweet Corn. Onion sets may be planted between the early Cabbage. Radishes, early Beets, early Carrots and early Turnips and bunch Onions, may be planted between Peas. Early Potatoes may be planted between Melon rows.

Cabbage

Late & Savoy Varieties

Premium Late Flat Dutch

Pkt. 10c, oz. 70c, 1/4 lb. \$2.00. Postpaid

234—It is more largely grown for Winter market than any other cabbage. Planters hold this variety in great esteem on account of its attractiveness, uniformity of head, solidity and long keeping qualities. Grows exceptionally well in our cool climate. It weighs more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw or sauerkraut, etc. It is a long stemmed variety, of very round head. Especially recommended for low, moist and heavy soils. This is the variety so extensively used by growers in districts where heavy railway shipments to market are made as it reaches the markets in fresh, solid bullet-like condition. As a winter keeper it has no superior. (See illustration.)

Remember that it takes just as much time and labor to cultivate poor as good seeds—therefore don't be misled by the cry of cheapness.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



PREMIUM LATE FLAT DUTCH

Savoy Drumhead

A Time Tried Favorite

Pkt. 10c, oz. 60c, 1/4 lb. \$1.75. Postpaid

254—The hardest of all Savoys and the leading type of this popular cabbage, producing very large heads, firm and tender. Plants are of strong growth, having a moderate number of outer leaves. It is a compact grower and of excellent flavor. (See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



DRUMHEAD SAVOY

McKenzie's Danish Roundhead

Of Exceptionally Vigorous Growth

Pkt. 10c, oz. 80c, 1/4 lb. \$2.50. Postpaid

228—Possesses all the important properties which make it specially suitable for the West. Produces round or ball-shaped heads of great solidity. A field of this variety will give more firm heads per acre than any round cabbage grown. Its very few outer leaves permit of close planting, prevent blight and promote a vigorous growth. When trimmed for use, it is a beautiful white, highly attractive, tender, crisp and sweet flavor. The three distinguishing features between this variety and the Ballhead long stem variety is that this type is from 8 to 10 days earlier, averages heavier and is a trifle more solid. An earlier shorter stemmed improved strain of Danish Ballhead. Exceptionally fine keeper, stands the heat well, also thrives in cool locations. We cannot recommend it too highly and wish our many customers would try it out and be convinced of its exceptional merit.

Danish Stonehead

The Best Red Cabbage

Pkt. 10c, oz. 80c, 1/4 lb. \$2.25. Postpaid

280—An excellent market type. Good for home use. A very superior variety of late Red Cabbage. It produces round or ball-shaped heads of medium size as firm as a rock. Of intense purplish red coloring. The plants are of compact growth and can be planted closer in rows than the Mammoth Rock. Unexcelled for pickling. A decided improvement over other Red Types. (See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



DANISH STONEHEAD RED

Chinese White

Pe Tsai Or Celery Cabbage

Pkt. 10c, oz. 60c, 1/4 lb. \$1.75. Postpaid

183—Another season's trial justifies us in advising our customers to order this. Somewhat resembles a Cos Lettuce in appearance, of mild flavor and may be eaten raw or cooked. It is unwise to sow it too early, as during hot weather the plants are inclined to run to seed; best results seem to be obtained by sowing at the beginning of July. It will be ready for use in six weeks; gives excellent greens, is a highly desirable vegetable, and will, we believe, establish itself as one of our leading cabbages in the West.

Other Varieties

	Pkt.	Oz.	1/4 lb.
230—MARBLEHEAD MAMMOTH. Largest late cabbage grown.....	10	.70	\$2.00
231—FILDERKRAUT. A large pointed variety, principally grown for stock feeding....	10	.70	2.00
232—FOTTLERS' DRUMHEAD. A sure header; large, flat, solid.....	10	.70	2.00
233—SURFHEAD. This famous cabbage is most appropriately named, the heads are large, weighing from 10 to 15 lbs., very hard, firm and fine in texture.....	10	.70	2.00
229—DANISH BALLHEAD. Old, well-known, large, late variety; flattened round heads, very solid and firm, adapted to a more varied climate than most varieties.....	10	.80	2.50
235—AUTUMN KING OR WORLD BEATER. An extremely large and solid heading variety, well suited for fall and winter.....	10	.70	2.00
SAVOY VARIETIES. Produce firm, solid heads late in the fall, leaves very crinkled, the hardest of the cabbage family.			
255—NETTED SAVOY. Green curled, medium size round heads; delicate flavor.....	10	.60	1.75
RED VARIETIES.			
281—BLOOD RED DRUMHEAD. A standard variety, very deep red in color, large round heads, very hardy.....	10	.70	2.00
282—MAMMOTH RED ROCK. Largest and surest heading Red Cabbage ever introduced. Heads deep red to the centre, frequently averaging 12 inches in diameter and 10 to 12 lbs. in weight. Excellent quality.....	10	.60	1.75



McKENZIE'S BRANDON PRIZE

Celery

McKenzie's Brandon Prize

The Earliest Celery

Pkt. 10c, 1/2 oz. 35c, 1 oz. 60c, 1/4 lb. \$1.75. Postpaid



368—Extremely early, practically self-blanching and highly ornamental. Very popular on account of its earliness and ease of culture. The peculiarity of this variety is that the stalks, portion of inner leaves and heart are silvery white, naturally rendering it almost self-blanching. The crisp, stringless, succulent stalks and prime nutty flavor are unequalled. Stalks are large, attractive and blanch to a beautifully snowy whiteness—bringing highest market prices. An easy variety to grow as it is fairly hardy and, being naturally white, it is easy to blanch. (See illustration.)

White Plume

Unsurpassed for Flavour

Pkt. 10c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75. Postpaid

370—One of the earliest and most easily blanched. Fine for family use and market work. Its stalks are of the most ideal form, rich in flavor and fine in texture. Of most striking appearance on account of its beautiful white heart and elegantly marked leaves. While the inner stalks and heart are pure white without being blanched, yet the outer stalks should be tied up and the soil drawn around them in order to produce close attractive bunches.

Paris Golden

Self Blanching

Pkt. 25c, 1/4 oz. 60c, 1/2 oz. \$1.00, 1 oz. \$1.80. Postpaid



371—Considered by many to be the best market variety for early crop. The plants are of compact semi-dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color—very crisp and tender. Leads all the self-blanching varieties for earliness and productiveness. Extensively grown in California for supplying the Northern Markets in the early season before the home products are ready. Altogether a very desirable sort to grow. The best seed is produced in France.

Giant Pascal

Unrivalled for Winter Use

Pkt. 10c, 1/2 oz. 30c, oz. 50c, 1/4 lb. \$1.50 Postpaid

369—This is the popular winter and early spring variety so universally used, owing to its exceptionally long keeping qualities. Makes large bunches of thick solid stalk which are very brittle, crisp and of rich, nutty flavor. It blanches very easily, and produces a fine attractive stalk of pure whiteness. Rather tall with stems nearly round.

396—CELERIAC, OR TURNIP-ROOTED CELERY. Produces large turnip-like roots and is used chiefly for flavoring soups, salads, etc. Pkt. 10c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75. Postpaid.

406—SOUP CELERY SEED (not for sowing). For flavoring only. Oz. 25c, 1/4 lb. 75c. Postpaid.

Citron

For Preserves

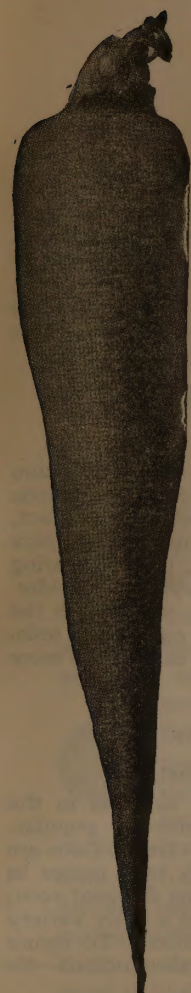
Citron will grow to perfection anywhere in Western Canada, and every economical housewife should see that not less than one ounce is included in the spring order for seeds. In size and shape it is the most perfect. Its superlative qualities would delight the most critical epicure, for it makes a very clear and transparent preserve of peculiarly fine flavor. One of the most delicious table delicacies to be had. (See illustration.)

446—RED SEEDED.....Pkt. 10c, oz. 25c, 1/4 lb. 75c, Postpaid.
447—GREEN SEEDED.....Pkt. 10c, oz. 25c, 1/4 lb. 75c, Postpaid.

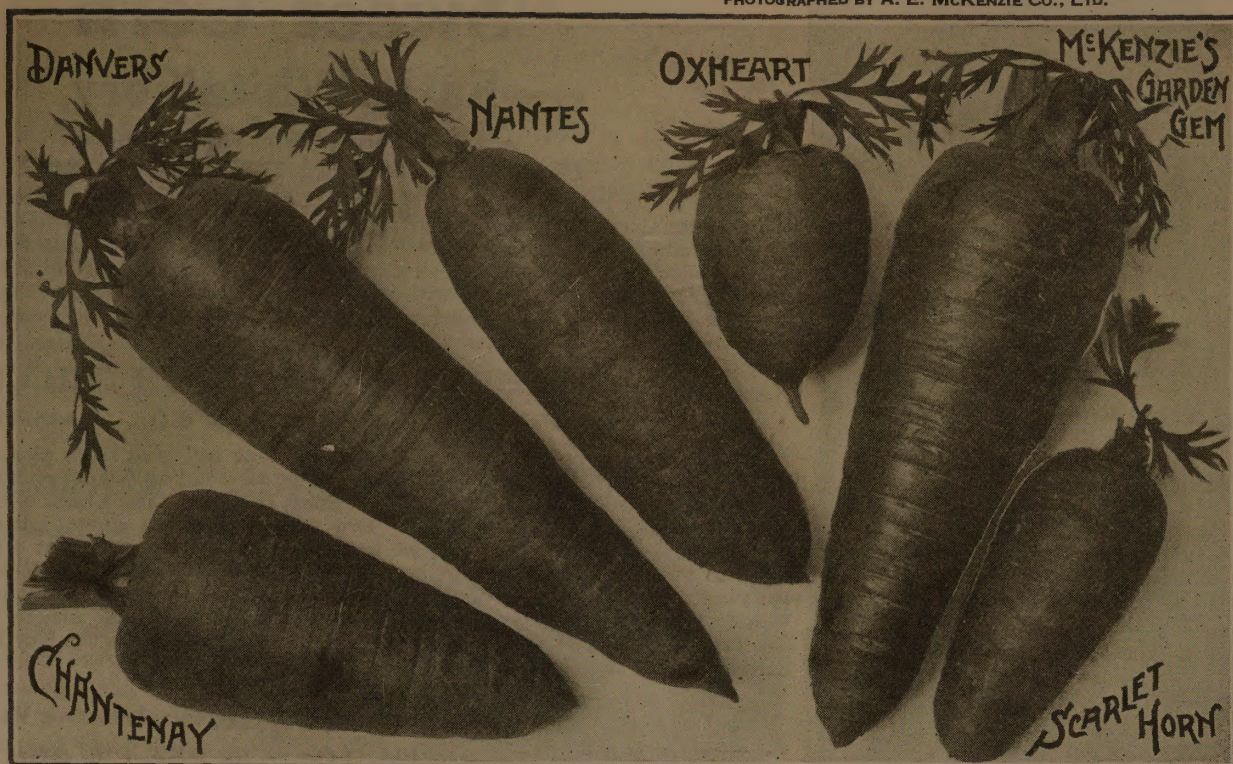
		Postpaid	
		Oz.	1/4 lb.
CHERVIL. It is more finely curled and handsome than parsley; is excellent for garnishing.	Pkt.		
426 —SELECTED STOCK.....	.10	.50	1.50
CHICORY.			
436 —LARGE-ROOTED MAGDEBURG.....	10	.75	2.25
COLLARDS. Splendid Fall and Winter Greens suitable for cultivation in our climate. They are a form of cabbage bearing new leaves as the old ones are pulled off.			
467 —SELECTED STOCK.....	.10	.35	1.25



SEEDED
CITRON



ST. VALERY



Carrots

Choicest Garden Strains

Half Long Scarlet Nantes

A Handsome Half-Long Variety

Pkt. 10c, oz. 20c, 1/4 lb. 65c, 1/2 lb. \$1.20. Postpaid

309—Gardeners pronounce this a most profitable type to grow. Its medium size permits of easy harvesting and it thrives under almost any conditions. Tops of medium size, roots cylindrical, smooth, bright orange color; flesh orange changing to yellow centre. Blunt ended with very small tap root. Sweet and mild in flavor. Practically coreless. Ours is a specially selected stock. (See illustration.)

St. Valery

Or New Intermediate

Pkt. 10c, oz. 20c, 1/4 lb. 65c, 1/2 lb. \$1.20. Postpaid

315—The finest strain of long red carrots growing 10 to 12 inches long. Broad at the neck and tapering to a point. Smooth skin, firm flesh, bright red color, delicious flavor and long keeper. Free from hard core or woodiness when grown quickly. No gardener should be without this excellent variety. Also suitable for field culture. (See illustration.)

Other Varieties

	Pkt.	Oz.	Postpaid 1/4 lb.	1/2 lb.
311 —HALF-LONG SCARLET DANVERS. Dark orange, smooth, good size. (See illustration.)	.10	.20	.65	\$1.20
312 —SCARLET INTERMEDIATE. Pointed root deep orange red, intermediate in length, fine quality.	.10	.20	.65	1.20
313 —EARLY SCARLET HORN. One of the earliest (Illustration)	.10	.20	.65	1.20
314 —FRENCH FORCING. Very small, round and early.	10	.25	.75	1.40

McKenzie's Garden Gem

Growing in Popular Favor

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.40. Postpaid



307—A general favorite wherever it is grown. We place it in the front rank of all the varieties we grow, on account of its unexcelled sweetness combined with superior flavor, fine shape and size. This variety grows slightly longer than Oxheart and is more uniform in character. Will average three inches in diameter at the shoulder. It requires very little cultivation, is easy to pull and is especially suitable for table use. Does well in all soils. In color, it is of deep orange red, about 5 to 6 inches long and very smooth, practically no core, thick shoulder, very fine-grained, solid, and a superb keeper. An excellent variety to grow for winter use. A gem in every sense of the word. (See illustration.)

Chantenay or Model

Pkt. 10c, oz. 20c, 1/4 lb. 65c, 1/2 lb. \$1.20. Postpaid

310—That there is a rapidly expanding and keener appreciation for this carrot is evidenced from the steady and growing demand each year. Chantenay is a great carrot for both home and market use. Very attractive when served on the table. It is a half-long or blunt rooted type, but differs from similar varieties by its greater girth, bulk and yield. A trifle larger than Scarlet Horn and broader at the shoulder. It averages 6 to 7 inches in length, is free from core, rich orange red, finest table quality, fine-grained, tender juicy, and delicately flavored; tops are small. Can be harvested easily. Immensely productive.

McKenzie's Garden Gem is strikingly similar, except that the Chantenay is blunt rooted, much like the Nantes. (See illustration.)

Oxheart or Guerande

McKenzie's Selection. One of the Best Table Carrots

Pkt. 10c, oz. 20c, 1/4 lb. 65c, 1/2 lb. \$1.20. Postpaid

308—Is a mid-season variety, short, broad and thick, immensely productive, and well adapted for early soils. Generally conceded to be the best for growing in soils too hard and stiff for the longer varieties as it does not grow more than six inches long. It averages 5 inches long and sometimes 4 inches in diameter at the top. Bright orange red. Very easily pulled. A grand old standard variety as popular to-day as any carrot of its type. It is so tender and sweet, that it can be eaten raw and is therefore valuable for stock feeding. A universal favorite. (See illustration.)



EARLY WHITE CORY

Mammoth White Cory

Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c. Postpaid

486—This is very similar to Early White Cory, and as it is quite as early and grows to a somewhat larger size, is preferred by many of our customers. Kernels are broader and the ears average somewhat larger. The grains retain their pearly whiteness when cooked. We believe this variety will become very popular.

Early Malcolm

A Wonderful Early Variety
Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

482—Early Malcolm Sweet Corn is especially adapted for planting in Northern latitudes and in high altitudes where other varieties fail altogether. We offered this distinct and valuable addition for the first time in 1915, and reports received justify us in again emphasizing its merits and strongly recommending it to every planter for 1920. It is very sweet, juicy and tender. In color it is a rich cream white and of excellent flavor. Grows ears of good size. Just the thing for Market Gardeners. Stated by Ottawa Experimental Station to be the earliest Sweet Corn grown there.

Sweet Corn Early White Cory

A Sweet Corn of Superior Excellence

Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c. Postpaid

481—While Peep o' Day and Golden Bantam are generally conceded to be "sweeter" than White Cory, many claim that the kernel of the latter being deeper it is more luscious. The fine shape, superb size, most luscious tenderness and delicious flavor to which White Cory attains have demonstrated that it is adapted to our varied conditions. It is very early, fine large ears, compactly filled with uniform kernels. Stalks average about 4 feet. In some localities White Cory is the best known and most popular early large-eared sweet corn. (See illustration.)

McKenzie's Northern Success

Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c. Postpaid

477—There is nothing that you can raise that will give more pleasure and satisfaction than McKenzie's Northern Success Corn. The outstanding features of this corn are luscious sweetness and delicacy of flavor. For earliness it is in the front rank of Sweet Corns; in fact, with the possible exception of Peep o' Day (the next earliest variety), it matures several days earlier than any other sweet corn we know of. Stalks grow to about 4 feet, usually bearing three to five ears. Of dwarf habit, it permits of close planting and is a very heavy yielder. Its sweetness and delicacy of flavor have made it one of the most popular varieties in the West. Its remarkable productiveness attests to its particular fitness for our varied soils. Our customers should bear in mind that sweet corn produced in the North is earlier and more hardy than the same varieties grown farther south.

Squaw A Native Variety

Pkt. 10c, 1/2 lb. 25c, 1 lb. 45c. Postpaid

480—Squaw remains one of the foremost varieties in the Canadian West, and is probably the most generally popular. Stalks are dwarf, growing to a height of 3 1/2 to 4 feet. Cobs are smaller than any other variety, averaging 4 1/2 to 6 inches in length, always well filled with dense rows of fine flavored corn; invariably ready for use the end of July. Being a flinty variety it is not as sweet as the so-called sweet varieties. To insure stock true to name, ours is grown for us by the Indians—the genuine squaw.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



"PEEP O' DAY"

Peep o' Day

Grows to Perfection Throughout the West

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

478—For a number of years this great table delicacy has been gradually acclimatized to our Canadian climate, until to-day it grows to perfection all over our fair domain. It combines the essential features of earliness and sweetness. On account of its earliness Peep o' Day sweet corn is especially adapted for planting in Northern latitudes and in high altitudes where some varieties fail entirely. Peep o' Day produces a large number of "suckers" which, unlike other varieties, produce full sized, well formed ears. It is not unusual to find a single plant bearing four to five ears. The yield per acre is therefore very large. The stalks grow 3 1/2 to 4 1/2 feet in height, and having light foliage may stand very close together. The ears are small, 5 to 6 inches in length. The kernels, though not large, are of good substance and borne 8 to 12 rows to the ear.

Indian Sweet Very Early Very Sweet

Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

484—A new red, very sweet corn which has fully justified the opinion we formed of it at the commencement of our experiments. It is nearly as early as "McKenzie's Early July"—about the same height and equally as sweet. When dry, of a dark red color. A very desirable sort to grow and one which we strongly recommend to market gardeners and private gardeners. Quantity on hand is limited, so please order early.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



INDIAN SWEET

Sweet Corn

Golden Bantam

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

479—Golden Bantam is probably the best known and most popular Sweet Corn of any type in the world. Its extreme earliness is perhaps its greatest virtue, particularly in this Western Country, where corn must of necessity be a short season crop. It is so named because the grain, when ready for use, is a rich creamy yellow deepening to orange yellow as it ripens. Its next meritorious essential is its exceptional hardness and ability to withstand unfavorable weather, as this variety successfully withstands cold nights and early frosts, when many other varieties fail to mature. It is the richest-flavored corn grown. Golden Bantam yields as many ears to the stalk as most varieties; but the ears being larger than Peep o' Day, the yield per acre is relatively greater. Of dwarf growth, it averages from 4 to 4 1/2 feet in height, permitting of close planting. (See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

McKenzie's Primo

A Delicious New Sweet Corn

Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

487—Undoubtedly one of the best of our recent introductions, which has been thoroughly tested and tried out before being offered. The quality is exceptionally fine. It grows four to five feet high and produces ears of large size, measuring 8 to 10 inches in length. For earliness it is unsurpassed by any other variety. The sweetness of the grains is a particularly noticeable feature, and when eaten from the cob, one cannot help but appreciate the decided breadth of grain which allows of easy scoring with a knife, preparatory to buttering. Every gardener should give it a trial. We recommend it, highly. (See illustration.)



EARLY JULY

Early July An Exceptionally Early Variety

Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

483—We have been selecting and breeding several varieties of corn for many years and believe we have now succeeded in our efforts to produce probably the earliest in the world without in any way detracting from the quality. This is a very dwarf variety and there is no doubt that it fully maintains our claim to be one of the earliest yet introduced. It grows about 2 1/2 to 3 1/2 feet high, producing small ears of exquisite flavor. May be planted very close. Sown about 15th May, will produce ears ready for use in July. You should plant this corn in your garden for 1920—it is economical and profitable.

Popping Corn—White Rice

501—The standard variety, sown for the production of corn for popping. Pop corn should be planted closely together, so as to produce a small ear and grain. See page 84 for popping corn.

Corn Salad or Fetticus

521—LARGE-LEAVED DUTCH. Used for Salad.

Cress or Pepper Grass

531—EX. TRIPLE CURLED. Crisp, pungent leaves, finely cut and ornamental, used as a condiment and for garnishing; rapid growing, dwarf and compact.

533—WATER. Where possible transplant to banks of running stream.

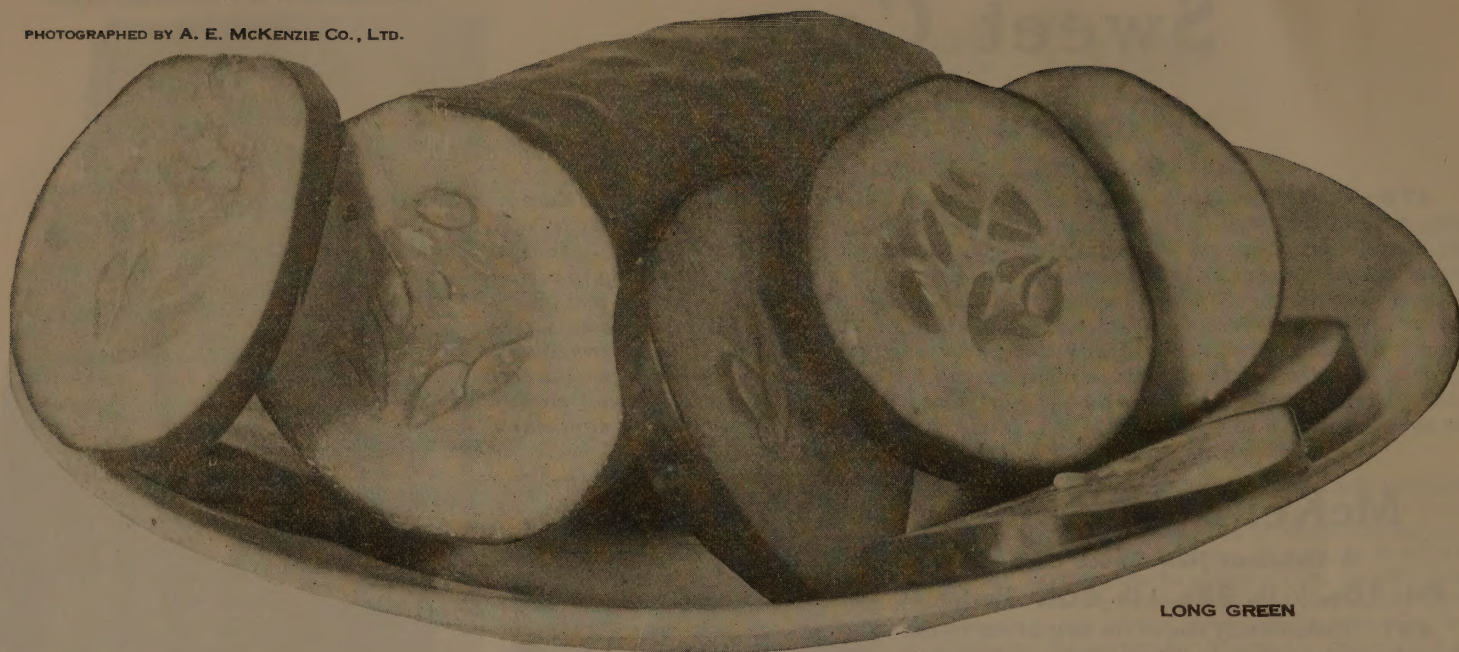


GOLDEN BANTAM



MCKENZIE'S PRIMO

Pkt.	Postpaid		1 lb.
	Oz.	1/2 lb.	
.10		.25	.40
.10	.35	1/4 lb. 1.00	
.10	.15	.40	1.00
.15	1.00		



LONG GREEN

McKenzie's Prolific

The Premier Strain

Pkt. 10c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.45. Postpaid

543—This grand selection has never been approached as a combination of all points of excellence. The acme of perfection in all respects. Most prolific variety in cultivation. For rapidity and productiveness it stands alone. Admirably adapted for home or market use and distinctively the best sort to grow for pickles of medium size. The vines are extremely healthy and vigorous, and if fruits are regularly gathered will continue to produce an abundance of well-formed, deep green, uniform fruits of medium size tapering gradually at each end. When developed to full size the fruits are of excellent table quality, finely grained, perfect in color and delightful flavor. Much superior to ordinary stocks of other types.



Chicago Pickling

A Reliable and Bountiful Yields

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

545—The universal popularity of this superb strain demonstrates clearly that its merits are fully appreciated. Considered by many as the best variety. Extremely prolific, matures early; the young fruits are exceptionally fine for pickling. Medium size, pointed end, large prominent black spines, deep green color. Vines set fruit very early and continue bearing longer than almost any other variety.

Long Green

A General Favorite

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

550—Perhaps the most widely cultivated sort. Conceded to be the handsomest and best of all long green cucumbers which average 10 to 12 inches long when fully developed. Fine for slicing. The smaller fruits make excellent pickles. It is a medium early, prolific and continuous producer of uniformly large fruits of an intense rich deep green color. Our strain is exceptionally fine. (See illustration.)

Fordhook White Spine

The Largest of the White Spine Family

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

549—An ideal variety for slicing. It is an early, prolific and continuous producer. Bears long, large fruits, thick and tapering to both ends. Its fruits are intensely rich, deep green, faintly marked with light yellowish shading toward the tip. Crisp and solid. Fruits retain their dark green coloring and crisp freshness longer after pickling than the majority of varieties of this type. Flesh is very fine grained, sparkling white and of most refreshing and delightful flavor.

Cucumber

Early Russian

The Earliest Cucumber

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

555—This new introduction has done remarkably well in the Canadian West. The earliest and smallest variety grown. It ripens in less than three months from planting. Noted for its remarkable productiveness, each plant bearing six to eight fruits about three inches in length and one and a half inches in diameter, of a yellow color. A distinctive type.

Early Fortune

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

556—A splendid new Cucumber discovered in 1906. The EARLY FORTUNE is one of the very best. The stock has been bred to such a uniformity of type that even the small pickling sizes show this uniformity. Very productive and is distinguished by its vigorous growth, having leaves a little larger than the ordinary varieties and with a thick leaf texture which renders it less susceptible to plant diseases. The fruits, when matured to the slicing stage, are uniformly 7 1/2 to 8 inches in length slightly tapering, showing none of the depressions so characteristic of other types. A very rich dark green which does not fade.

Davis Perfect

Later Maturing, but Handsomely Uniform

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

554—Produces long even fruits of fine form with an intensely dark rich green skin. Of solid white flesh of superb quality for slicing and contains few seeds. The flavor is excellent, fruits tender and brittle. Entirely free from coarseness. Vines of strong growth and very prolific. It matures a little later than other varieties. Essentially a market gardener's variety on account of the distinctly handsome and uniform fruits it produces, thus commanding a higher price.

Early Frame or Early Short Green

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1/2 lb. \$1.30. Postpaid

553—Another fine table or slicing cucumber that is extensively used for pickling purposes. It is very productive, with attractive, straight, bright green fruit. The plants are very vigorous and hardy. We particularly recommend this variety for a trial to any of our customers who are not familiar with it. It will give a most generous crop.

Other Varieties

	Pkt.	Oz.	1/4 lb.	1/2 lb.
544—EVERGREEN. Hardy, early, and wonderfully prolific; fruits of medium size, crisp and finely flavored for slicing.	.10	.25	.75	\$1.30
546—COOL AND CRISP. Long, slim; splendid for slicing.	.10	.25	.75	1.30
547—EARLY CLUSTER. The great pickling variety.	.10	.25	.75	1.30
548—EVERBEARING. Very early and prolific; small size; continuous producer.	.10	.25	.75	1.30
552—WHITE WONDER. An old favorite of excellent quality.	.10	.25	.75	1.30

Lettuce

McKenzie's Prairie Queen

The Standard Loose Leaved Variety

Pkt. 10c, oz. 35c, 1/4 lb. \$1.00. Postpaid

682—A splendid lettuce that will please you. Repeat orders year after year prove that its merits are appreciated by discerning customers. It produces a Lettuce of finer quality and flavor than can be obtained from any other type. Of handsome appearance, a strong grower and not subject to rot. Shows a wonderful combination of earliness, handsome appearance and fine quality. This lettuce does not form heads, but makes large, compact bunches of light leaves with fringed edges. From repeated plantings both in cold frames and the open ground, it has proved to be

the earliest, as well as the surest, loose-headed variety grown and the most desirable forcing variety to be had. The somewhat closely folded nature of the leaves gives the maximum quantity. From a light green outer leaf, it blanches to a rich yellow tint. Very crisp and delicious. (See illustration.)



MCKENZIE'S
PRAIRIE
QUEEN

Grand Rapids

A Popular Loose Leaved Lettuce

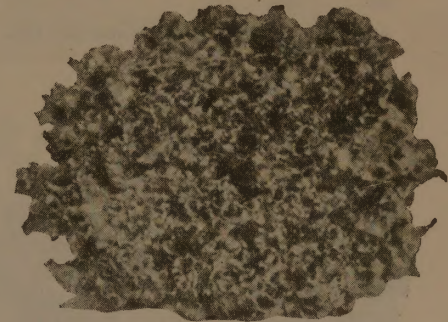
Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

687—The most popular variety for Greenhouse and Garden alike. The use of Grand Rapids in a commercial way has grown from a very small beginning to large proportions.

Of unusually rapid growing habit, even under most adverse conditions. Remains long in fine table condition after maturity. Retains its freshness long after being cut.

It is a loose Leaved Lettuce, robust grower of handsome appearance and not subject to rot. Large, light yellowish, green leaves, beautifully curled, and when properly grown forms a perfect ball shape. Free from bitter taste, very sweet, rich flavor. Its upright habit of growth permits close planting. (See illustration)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



GRAND RAPIDS

May King

A Heavy Heading Lettuce

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

684—Introduced into this country about six years ago and its merit was instantly recognized by planters throughout the Dominion. To-day, it is considered by many to be one of the best early-heading, butterheaded Lettuces in commerce. Planted in the open ground very early in the spring, the plants quickly form attractive tightly folded heads 6 to 8 inches in diameter. Each head will weigh nearly a pound on the average. Of exceptionally fine, rich buttery flavor. Outer leaves light green with bright yellow inner leaves.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MAY KING

Denver Market

Tender, Crisp and Delicious

Pkt. 10c, oz. 25c, 1/4 lb. 75c. Postpaid

689—A standard variety of proved merit. The leaves are beautifully marked and crinkled like Savoy Cabbage, which distinguishes it from any lettuce grown. Large conical heads of finest quality; beautiful, bright, soft green outer leaves; it blanches to a rich golden yellow within. Grows to a nice large size and retains its crispness and mild flavor to a greater degree than most varieties during excessively hot weather. Notwithstanding its adaptability to heat, it is a most desirable variety for spring and fall, and is one of the most popular with market gardeners owing to its beautiful appearance and being one of the best for forcing.

All Seasons

One of the Best Butterheads

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

683—As implied by its name, it may be grown with success in the spring, summer or fall.

Distinctly a Head Lettuce. Very large, conical shape, attractive appearance, extremely solid, leaves a light greyish green, does not spot or turn brownish, broad leaves, sure header, slow to run to seed. Great heat resister. Retains its freshness. Crisp and having that much sought "buttery" flavor. An ideal type of recent introduction.



PARIS
WHITE
COS

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



CALIFORNIA CREAM BUTTER

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



BIG BOSTON

Lettuce

Hanson Very Hardy

Pkt. 10c, oz. 25c, 1/4 lb. 75c. Postpaid

691—On account of its exceptionally hardy constitution this variety is particularly suited to our climate. It has been proved to stand extremes of weather better, perhaps, than any of the crisp heading sorts. Of attractive green color, with inside leaves almost white in the centre. A fine large-headed variety, very solid and beautifully blanching. For table quality is unsurpassed, with a marked freedom from bitterness, in fact it is notable for its sweetness and delicacy of flavor, crisp, mild and tender. Does not wither, but keeps in good condition after reaching maturity.

Iceberg Grows Large Heads

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

688—Noted for its large solid head and curled leaves. Its dependability to grow quickly and produce crisp tender leaves has won for it a prominent place amongst heading varieties. The large white main ribs of the leaves insure great firmness of the heads, as they curve towards the centre and keep the interior thoroughly bleached. Bright green in color. May be sown early in Spring or during the later Summer months.

California Cream Butter Of Fine Appearance

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

686—One of the best Summer varieties of Head Lettuce. Rich and buttery to the taste. Produces fine cream-yellow leaves which are very pleasing in appearance. The heads are of good size, blanching at the interior to a beautiful white, round and solid and slow to go to seed. A splendid lettuce which should be more generally known and grown. (See illustration.)

Big Boston Tender and Sweet

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

690—Considered by those who have grown this popular variety to be the best mid-season or Summer Lettuce on account of its ability to withstand great variations of temperature. Produces very large heads, sometimes twelve inches in diameter. A grand forcing sort, very vigorous and hardy, with thin, hard, bright green, and broad comparatively smooth leaves. Quite tender. Highly recommended. (See illustration.)

Paris White Cos

Pkt. 10c, oz. 30c, 1/4 lb. 80c. Postpaid

717—A popular variety of lettuce growing long, conical compact heads that blanch well when tied. The plants are of erect growth, producing a tall, oblong bunch of large crisp leaves. (See illustration.)

Other Varieties

	Postpaid		
	Pkt.	Oz.	1/4 lb.
685—BLACK SEEDED SIMPSON. One of the best summer varieties (Crisp-leaf).....	.10	.30	.80
692—NONPAREIL. Yellowish green, crisp and sweet (Crisp-head).....	.10	.25	.75
COS VARIETIES. Valued for their fresh crispness and mild flavor. If you find they will not head naturally, the tips of the leaves should be tied together and the interior will blanch beautifully.			
718—GREEN COS. Similar in growth to White Cos, but has large dark green leaves.....	.10	.30	.80

Lettuce Are Welcome

on the table at every meal, and when freshly gathered from one's own garden, are appetizing and healthful; they are so very easily grown, that they should be found in every garden. By sowing a small pinch of seed about every week or ten days, up to the end of July, you can have fresh, crisp, tender lettuce right through the season. If you have not previously grown lettuce, try a packet this spring.

Musk Melon or Canteloupe

Early Leader

Pkt. 10c. oz. 50c. ¼ lb. \$1.50. Postpaid

746—We introduced this variety on account of its extreme earliness: it is a distinct advance, and will enable Musk Melons to be grown in Western Canada, where this could not previously be accomplished. Green fleshed, small ribbed, of delicious flavor.

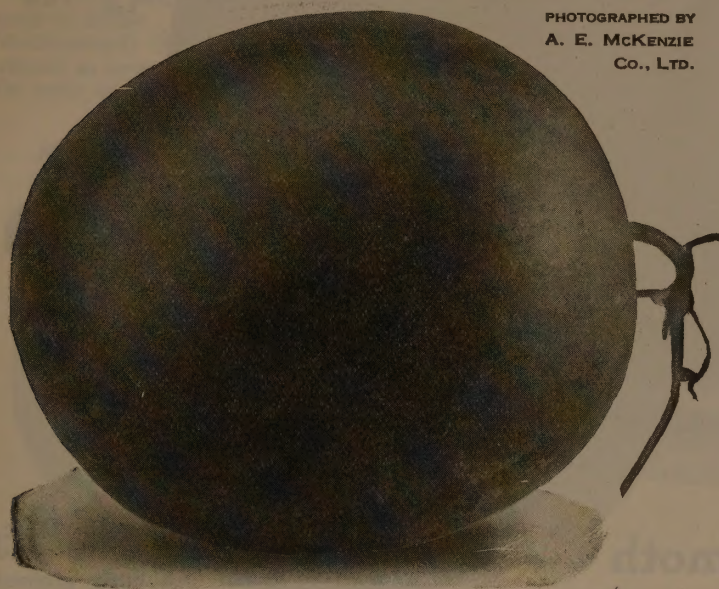
743—PAUL ROSE. Is the result of a cross of the Osage and Netted Gem varieties. It has a peculiarly sweet, rich, delicious flavor, and is a long keeper. Pkt. 10c. oz. 25c. ¼ lb. 75c. Postpaid.

744—EMERALD GEM. Undoubtedly the finest in flavor of any variety. Skin is a rich, deep emerald green; flesh is thick, crystalline in appearance, and of rich salmon color, rind thin, small seed cavity. Pkt. 10c. oz. 25c. ¼ lb. 75c. Postpaid.

745—EARLY HACKENSACK. This is one of the best, as well as the earliest, hardiest and most prolific of Netted Musk Melons. Pkt. 10c. oz. 25c. ¼ lb. 75c. Postpaid.

Growing Musk and Water Melons

By sowing indoors and transplanting into pots, so as to produce nice, sturdy, healthy plants, ready for planting out about the end of May, a good crop of fair sized ripe fruits of either Musk Melon or Water Melon, can be grown in Western Canada. Some bumper crops were harvested during the past season. The varieties offered by us are all adapted for the West.



MCKENZIE'S EXTRA EARLY SUGAR

Water Melon

McKenzie's Extra Early Sugar

The Earliest on Earth

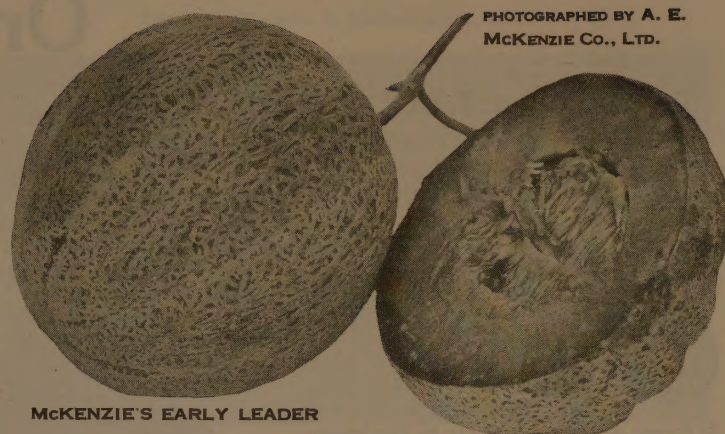
Pkt. 10c. oz. 30c. ¼ lb. 85c. Postpaid

771—This is one of the most delicious water melons ever introduced. Grows oval in shape, small, and color mottled dark and light green. Very solid and sweet. Bright red flesh. (See Illustration.)

770—PEERLESS (White seeded). Pkt. 10c. oz. 25c. ¼ lb. 75c. Postpaid. Of unquestionable quality; very early, of medium size, thin rind, flesh bright scarlet.

Mushroom Spawn

790—The cultivation of mushrooms in Canada has not been so general as in most of the European countries. Within the past few years unusual interest has been shown in the United States in the growth of mushrooms, and it is expected that the industry will develop to the fullest limit of market demands in Canada during the next few years. Even now there is a good open market for fresh mushrooms in many of the larger western cities. It is acknowledged by all successful mushroom growers that the first and most important thing to be considered is the spawn. If the spawn is not good, it is impossible to attain success. Stock offered by us is imported direct from the best source, and will, under ordinarily favorable conditions, give satisfactory results. One brick is sufficient to spawn about one square yard of bed. Special printed cultural instructions accompany each order. Lambert's "Pure Culture" Spawn—Per Brick, 60c. 5 Bricks, \$2.75 postpaid; 5 Bricks by Express for \$1.50. English Imported—Per Brick, 45c. 5 Bricks \$1.75, postpaid; 5 Bricks by Express for \$1.00.



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

MCKENZIE'S EARLY LEADER

Miscellaneous Vegetable Seeds

Egg Plant

579—NEW YORK IMPROVED PURPLE. This is an entirely spineless strain, producing grand, large fruit, thick and of most attractive form—large and well colored. An excellent variety.

Pkt.	Oz.	Postpaid ¼ lb.
.10	1.50	

Endive

589—GREEN CURLED. Finely fringed leaves of bright green color. Tender and crisp when properly blanched. The most popular variety—very hardy.

.10	.25	.60
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590—MOSS CURLED. Resembles a bunch of moss, dark green, blanches beautifully.

.10	.25	.60
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591—WHITE CURLED. The thick centre leaves are naturally of a pale, yellow color, exquisitely curled and very finely cut. Always crisp and tender.

.10	.25	.60
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Kohl Rabi

638—EARLY WHITE VIENNA. Of excellent table quality—equally good for forcing or cultivation in the open. Flesh is white and very tender. When ready for use the bulbs are about the size of an apple.

.10	.60	1.75
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639—EARLY PURPLE VIENNA. Not quite so early as the White, but slightly larger in size. Similar in every other respect excepting color—the skin being a purplish red.

.10	.60	1.75
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640—GOLIATH PURPLE. Similar to above, but grows larger. Of excellent flavor.

.10	.60	1.75
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Leek

The culture of this valuable vegetable only needs to be more general for it to be better appreciated. It is very hardy, easy to grow and one of the most useful all round vegetables in the garden.

651—MUSSELBURG. A splendid Scotch strain, its extreme hardiness making it a very suitable variety for the cool climate of the Western Provinces. The stems are perfectly white, thick, and of uniform evenness throughout. Under favorable conditions, specimens may be grown 18 inches in length. When properly cooked no vegetable can excel the Leek for wholesomeness.

.10	.40	1.25
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652—BROAD LONDON OR ENGLISH FLAG. A large, strong growing variety which produces thick stems of sweet flavor.

.10	.40	1.25
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653—CARENTAN. Highly recommended for quality and size of stalk which produce broad, flat, leaves.

.10	.40	1.25
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Mustard

810—WHITE LONDON. The best for salads. Pkt. 10c. oz. 20c. ¼ lb. 60c. per lb. \$1.75.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MUSHROOMS

Onion

McKenzie's Northland

The Sure Keeper

Pkt. 10c, oz. 35c, ¼ lb. \$1.00, ½ lb. \$1.85, 1 lb. \$3.50. Postpaid

830—This is the most popular onion in the Canadian West and unquestionably the Yellow Onion for general culture. It is similar to Yellow Globe Danvers, producing well ripened bulbs averaging two inches in diameter and nearly globe shaped. Remarkably solid and heavy. One of the surest keepers and best sellers grown. Flesh is an attractive sparkling white, very mild, pleasant flavor. An enormous yielder and fine keeper. It forms a bulb very early in the season so that it may be used practically the entire summer, ripening up crisp and solid in the fall. The tops die off entirely, leaving fine uniform shaped bulbs without necks.



McKENZIE'S NORTHLAND

Yellow Globe Danvers

The Standard Variety for Winter Use

839—McKENZIE'S SELECTED YELLOW GLOBE DANVERS. Pkt. 10c, oz. 35c, ¼ lb. \$1.00, ½ lb. \$1.85, 1 lb. \$3.25. Postpaid.
838—YELLOW GLOBE DANVERS (general stock). Pkt. 10c, oz. 30c, ¼ lb. 90c, ½ lb. \$1.75, 1 lb. \$2.75. Postpaid.

There are few, if any, recent introductions that eclipse this old standard variety. It holds its deservedly prominent position in the front rank of Onions and is highly praised by market gardeners and home growers alike. Produces handsome nearly globe-shaped bulbs of pale yellow color, crisp, pure white flesh of mild flavor. The plants have very slender necks and the bulbs ripen uniformly, averaging two inches in diameter. Our selection is extra special and we recommend it with every confidence as far superior to the ordinary stock. We sell more of this variety than any other.



PHOTOGRAPHED
BY A. E.
McKENZIE & Co.,
LTD.



Southport White Globe

Pkt. 10c, oz. 40c, ¼ lb. \$1.25, ½ lb. \$2.30, 1 lb. \$4.20. Postpaid

843—We are giving more prominence to this fine Onion than hitherto, as we believe it deserves to be more generally grown. A very popular variety on account of its uniform shape. Grows almost globe shaped and is of pure white color. Forms handsome hard onions with wax-like flesh.

Large Red Globe

McKenzie's Improved
The Largest Red Globe Onion

Pkt. 10c, oz. 35c, ¼ lb. \$1.00, ½ lb. \$1.85, 1 lb. \$3.50. Postpaid

832—Of handsome globe shape (similar to Southport Yellow Globe) averaging 3 inches in diameter, weighing about nine ounces. A fine exhibition onion—one of the best for our Western soil, where it has given great satisfaction. Our seed is Western Grown, thus insuring its adaptability.

Mammoth Silver King

A Good Market Sort

Pkt. 10c, oz. 50c, ¼ lb. \$1.50, ½ lb. \$2.75, 1 lb. \$5.35. Postpaid

846—One of the largest varieties in cultivation. Its early maturing properties are very marked. In shape it is unexcelled, producing large bulbs of attractive form, flattened, but very thick. The skin is of a beautiful silver white and this, combined with its immense size, suggested its name. The flesh is snowy and tender. Flavor, mild and sweet. Grows quickly.

No Garden Crop is so Important
as the Onion.

The Strains we offer are the Finest
in Canada.

Southport Yellow Globe

Pkt. 10c, oz. 30c, ¼ lb. 90c, ½ lb. \$1.75, 1 lb. \$3.25. Postpaid

845—This Onion is a finely grained white flesh sort, very crisp and of good flavor. The skin is a rich brownish yellow. Our seed is carefully selected, thus insuring uniform size, shape and heavy yielding properties.

Giant Prizetaker

A Favorite with Market Gardeners

Pkt. 10c, oz. 30c, ¼ lb. 90c, ½ lb. \$1.75, 1 lb. \$3.25. Postpaid

841—On account of its phenomenal size and fine tempered flavor, Prizetaker is very popular. It attains its immense size under exactly the same conditions necessary to cultivate other sorts. Rivals the large Spanish Onion. A bright clear straw color; always grows to a uniform and most perfect shape. The bulb is very solid and heavy. The flesh is crisp, white and of delicious quality. Is very hardy and a good winter keeper, as it ripens up hard and firm. Very fine-grained and of mild, delicate flavor.

Onion

Australian Brown

Extra Long Keeping

Pkt. 10c, oz. 25c, 1/4 lb. 80c, 1/2 lb. \$1.50, 1 lb. \$2.50.
Postpaid

836—As the name implies this splendid deep brown variety is of Australian origin and it has invariably proved a success where other sorts have failed. It is adapted to a great variety of soils, is not easily affected by climatic conditions, therefore does exceptionally well in our Prairie West. A sure cropper. The bulbs somewhat resemble the Danvers in size. Very early, maturing about four weeks before the Red Wethersfield. Wonderfully hard and solid—most attractive for market. The flesh is firm, of mild flavor and the ripe bulbs will remain in good condition for many months after harvesting. Bulbs kept for twelve months after harvesting have been in fine condition. It has the reputation of keeping indefinitely—in fact, judging by its firm and hard qualities, we believe it will keep longer than any other variety. The skin is an amber-brown color. (See illustration bottom of page.)

Extra Early Red

A Very Highly Improved Onion

Pkt. 10c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.75, 1 lb. \$3.25. Postpaid

837—A medium sized very early flat variety. Fine grained, mild in flavor. Sometimes erroneously called Extra Early Red Wethersfield; but it matures earlier and in suitable soils grows almost as large. Of deep rich red color, hardy, and very useful for early marketing. (See illustration.)



EXTRA EARLY RED

Superior Golden Globe

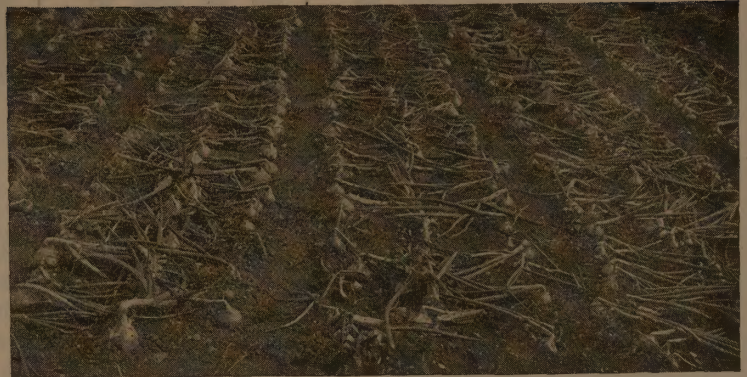
A Magnificent Onion of Immense Size

Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.85, 1 lb. \$3.50. Postpaid

833—When we introduced this onion we had in mind a combination of three immense onions of different color and character for exhibition purposes and the home garden, the other two being Mammoth Silver King and Improved Red. Like its two peers, it is of immense size. In flavor and appearance it is ideal. It is very delicately veined, perfect shape of immense proportions. The flesh is snow white, firm, mild, juicy, and of very delicate flavor. As hard as a brick, its keeping qualities are unexcelled. Perfect in every respect, it bids fair to be universally grown.



AUSTRALIAN BROWN



BED OF ONIONS SHOWING TIPS TURNED DOWN TO AID RIPENING

Large Red Wethersfield

McKenzie's
Selected

834—MCKENZIE'S SELECTED LARGE RED WETHERSFIELD.

Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.85, 1 lb. \$3.25.
Postpaid

835—RED WETHERSFIELD. (General stock).

Pkt. 10c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.75, 1 lb. \$3.00.
Postpaid

A popular Standard variety for Winter market. Grows well on poor soils.

Great improvement in the size, shape and quality of our Selected Red Wethersfield makes it vastly superior to the older sorts. The specially selected seed we offer produces the finest shaped, best colored and largest cropping onion of the Wethersfield type, noted for solidity and is grown by experts, from bulbs critically selected for size, color, shape, and small necks to insure a perfect onion. Next to the Danvers Yellow Globe this is the leading onion grown for either market or home use. Immense cropper, large in size, deep purplish red skin, smooth and glossy, form round, somewhat flattened, purplish-white flesh of an admirably mild flavor. Though well flattened the solid onions are thick through.



Other Varieties

	Pkt.	oz.	1/4 lb.	1/2 lb.
844 —EARLY WHITE WELSH. (For green onions.) The plants are perennials, and can remain in the ground for years.				
848 —RED WELSH. Similar to Early White Welsh excepting in color. Useful for pulling green for salads and soups.	.10	.50	1.50	\$2.75
Onions for pickling				
866 —QUEEN. (First-Class Pickling Variety)	.10	.50	1.50	2.75
867 —EARLY SILVERSKIN. Early small round French variety, white skin; good for pickling and bunching.	.10	.50	1.50	2.75
868 —WHITE BARLETTA, well-known pickling variety.	.10	.50	1.50	2.75

Get our Booklet
"Onions and
how to grow"
It is free on re-
quest

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BY A. E.
MCKENZIE CO., LTD.

PERISHABLE STOCK

Onion Sets, Garlic and Potatoes, being of a perishable nature, can only be shipped at the proper season.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

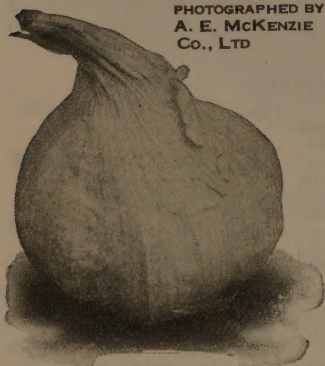


YELLOW DUTCH SETS

Onions and How to Grow Them

Is the title of our sixteen page treatise on Onion raising from Seed and Sets. It tells about preparation of the soil, time to plant, cultivation, varieties of seed to sow and general notes on Onion culture which cannot fail to assist growers to increase their profits. It is free with orders, on request.

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD



GARLIC

Garlic

Selected Sets

$\frac{1}{2}$ lb. 45c, 1 lb. 80c.
Postpaid

909—Highly esteemed for flavoring soups, stews, etc. Garlic is a perennial bulbous plant and belongs to the onion family. The cultivation is practically the same as Onion Sets. (See illustration.)

ONION SETS

USE NORTHERN GROWN SETS

Our Northern Grown Sets are hard and sound, while southern Sets are usually dried, shrivelled, soft, or so lifeless that they invariably produce an almost worthless onion

Yellow Dutch

The Popular Variety

$\frac{1}{2}$ lb. 25c, 1 lb. 35c, 4 lbs. \$1.35. Postpaid

887—We believe that the excellence of our stocks of the Yellow Dutch Set has done more than any other single factor to popularize this variety in Western Canada. Our sales are tremendous, and it goes without saying, that they would not increase year after year as they do, if satisfactory results were not obtained, a whole bookful of testimonials, would not bear such emphatic testimony as this. For the sake of those who have not hitherto tried our Sets we might explain that matured good-sized onions, either for home use or for market, are ready four weeks ahead of those raised from seed, and green onions in half the time required to raise from seed. Our sets are small round and hard, they go much further than the larger soft sets sometimes sold, and are not so liable to run to seed in dry weather.

Other advantages of sets over seed, are: labor, no thinning being required, in fact, nothing need be done to the sets, except keep them free from weeds, until they are ready to harvest. The danger of losing the crop through the ravages of Onion maggot and other insect pests is reduced to a minimum. (See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



WHITE DUTCH SETS

White Dutch

A1 for Early Green Onions

$\frac{1}{2}$ lb. 25c, 1 lb. 40c, 4 lbs. \$1.50. Postpaid

888—The White Dutch Set, if better known, would undoubtedly be more grown than it is. It is quite distinct from the Yellow Dutch, and when ordering your regular supply of yellow for regular planting, include a few of the whites. They produce green onions quicker, and are milder in flavor; matured onion bulbs of the white variety will also be ready sooner, and every housewife knows that, in cooking, there are times that a white onion is preferred to the yellow or red varieties. (See illustration.)

PHOTOGRAPHED
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MCKENZIE
CO., LTD.



MULTIPLIER

Yellow Multiplier

$\frac{1}{2}$ lb. 20c, 1 lb. 30c, 4 lbs. \$1.10. Postpaid

889—Many of our customers prefer the Multiplier or Potato Onion to Dutch Sets, on account of its cluster growing habit. Valuable for bunching or an early crop. One bulb will throw out six to twelve sprouts. Light brown skin, mild white flesh. After Yellow Dutch Sets, this variety comes next in general cultivation, for early green onions. The easiest to cultivate, earliest and most vigorous in growth. A great many planters grow both. If left to grow to maturity they will grow onions of moderate size, making good cookers. Excellent for the family garden, whether used green or as dry bulbs. The matured onion, like the sets, forms in divisions; are most excellent keepers and of a remarkably fine mild flavor. (See illustration.)

Ask for
Free Booklet
"How to Cook Vegetables
grown from
McKenzie's Seeds."

CULTURE OF ONION SETS

Soil requirements the same as for Onion seed. Place the Onion Sets 3 to 4 inches apart, according to size, 3 inches deep, in rows 1 foot apart. It is customary to furrow out the soil with a little hand plow early in the Spring. Set the Onion in this furrow right side up and cover with a garden rake and if the soil is dry it should be well firmed over the sets; 250 to 300 lbs. of sets required for an acre.

Peas

No crop of vegetables in the garden is so much appreciated as a dish of fresh green peas. 'Canned peas or dry peas are all very well during the winter months, but with the return of summer, we seem to crave, something just a little better. Not only are they appetizing, but they are healthful, and with a judicious use of the Early, Second Early and Maincrop varieties, there is no reason in the world why every home, with a moderate sized garden, should not have fresh peas all summer long and then have a surplus to can for the winter.

Two mistakes are usually made in sowing peas; one is sowing such a small quantity that only one or two dishes are available or sowing too many of one variety at one time, and they get over-ripe before they can be used. For the average family not less than 1/2 lb. each of 3 or 4 varieties should be sown, beginning with Alaska or First and Best—these being round varieties, may be sown just as soon as the snow melts—followed a week later by McKenzie's Manifold, Gradus, Stratagem or Telephone. This will give a nice succession, and also the advantage of the heavier crop from the later varieties.

ORDER NOW

Peas are scarcer than ever this year and we urge every Gardener and Farmer to order immediately after receipt of this Catalog. There is a tremendous demand for McKenzie Seeds. The only fair way in which to ship orders is in strict rotation as received. There is everything to gain and nothing to lose by mailing your order TO-DAY.

McKenzie's Manifold The Garden Pea

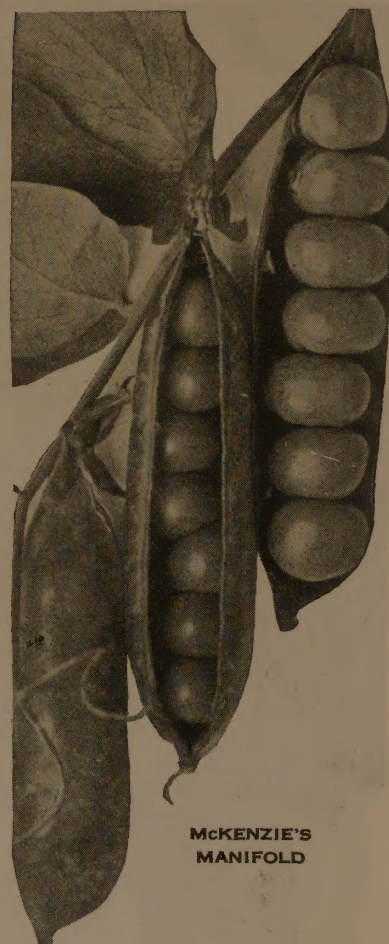
Par Excellence

Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

980—This selection is now recognized as the leading early dwarf pea for the West and the demand for it continues to increase. We confidently believe it to be unsurpassed in earliness, quality and yield. Its name was suggested to us by reason of its combination of sweetness, lusciousness, rich flavor, productiveness and earliness and it certainly lives up to it. An extra early grower, about 12 inches high, similar in shape to "Little Marvel," but a trifle larger. Foliage dark green and very heavy. Pods straight with rounded ends averaging three inches in length. Well filled with nice plump peas. Splendid delicious peas can be had throughout the entire season by sowing at intervals. Do not omit this excellent variety. (See illustration.)



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MCKENZIE'S
MANIFOLD

McKenzie's Seeds
eliminate regrets at
Harvest Time

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



GRADUS

Nott's Excelsior

An Ideal Pea for the Canadian West

Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c Postpaid

985—In this western country, where extremes in temperature are an important factor in vegetable growing, Nott's Excelsior, extra heavy, very healthy in growth and of unusual hardness, has proven a most valuable pea. Resembles the American Wonder, but grows a trifle taller. It belongs to the extra early class and is a dwarf wrinkled pea. Vines seldom exceed eighteen inches in height. Pods average three inches in length, straight with blunt ends averaging 6 peas to a pod, being ready to pick at once. Very fine yielder. So thickly are the peas crowded in the pods they have the appearance of being forced in and assume a square-like shape. The quality is exceptionally fine. Highly recommended. (See illustration, showing average size of pod.)

Prosperity or Gradus

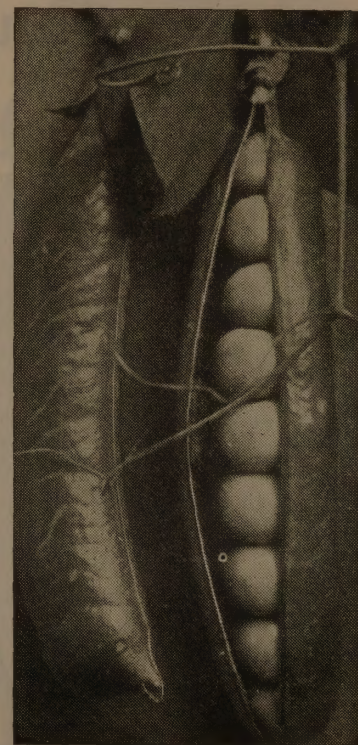
Most Popular Early Large Podded Wrinkled Pea
Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

986—An old standard sort of dependable quality and earliness. Probably the greatest favorite of the early wrinkled varieties. One of the best selections in general use to-day, with pods nearly twice the size of the round seeded extra earlies and only a day or two later. Height about 3 ft., producing uniformly large pods 4 to 4 1/2 inches long well filled with eight or ten large handsome peas of finest flavor and excellent table quality. For market or home use it retains its foremost position. A really excellent variety. (See illustration, average size of pod.)

Peter Pan The Largest Podded Early Dwarf Pea

Pkt. 10c, 1/2 lb. 35c, 1 lb. 60c. Postpaid

993—We believe this will be a decided acquisition for the Canadian West, belonging to the popular dwarf growing type. Height, 15 inches. It grows a very large pod for a dwarf variety. The color is dark green, and the pods are broad and straight, containing 6 to 8 very large green peas of superb quality. We confidently recommend our customers to try this variety, and believe it will give the utmost satisfaction.



NOTT'S EXCELSIOR

Grow your
own
Vegetables

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BY A. E.
McKENZIE
Co., LTD.

Peas

(Early Varieties cont.)

Little Marvel

A Very Choice Early Pea

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

991—When we first offered this variety several seasons ago, we knew it would please. As we anticipated, it has proved a valuable addition to the early section and we predict its popularity will increase. Comes in about the same time as American Wonder and Nott's Excelsior; but the pods are larger, peas more luscious and a heavier cropper. Grows 15 inches high, vines heavily set with pods, many of which are in pairs and average 2 1/2 inches long. A variety we particularly recommend to those who prefer an early pea of dwarf habit. (See illustration.)

American Wonder

One of the Best.
Easily Grown

Pkt. 10c, 1/2 lb. 35c, 1 lb. 50c. Postpaid

983—Those who grow this popular sort regularly, consider it one of the leading peas for combined flavor and quality. It is a cross between that old standard variety, Champion of England and Little Gem, and possesses the merits of both. The earliest of the dwarf wrinkled sorts; is decidedly distinct from all other varieties in habit of growth and appearance, the vines being unusually robust and stocky. It makes rapid growth and produces a profusion of good-sized pods, which are well packed with deliciously flavored peas, so sweet that many prefer it to all others, as it maintains its rich color when cooked and appears especially attractive when served. Height 10 inches.

McLean's Little Gem

Gem in Quality as Well
as in Name

Pkt. 10c, 1/2 lb. 30c, 1 lb. 45c. Postpaid

984—This Pea is one of the most popular dwarf varieties for family use. It is a green wrinkled variety of an exquisite buttery flavor. Remains fit for use longer than either American Wonder or Nott's Excelsior. Comes in about three days after the American Wonder and considered by many to be sweeter. Grows about 14 inches high with an abundance of round well-filled pods about 2 1/2 inches long.

PHOTOGRAPHED BY A. E. McKENZIE Co., LTD.

Round or Smooth Seeded Varieties

The round seeded varieties while not so nicely flavored as the wrinkled sorts are hardier, and are best adapted for sowing very early.

Pilot

A Favorite Early Round
Seeded Variety

Pkt. 10c, 1/2 lb. 35c, 1 lb. 50c. Postpaid

981—In The Pilot we have a Pea which embraces size, quality, productiveness and earliness in a very marked degree.

The haulm makes very vigorous growth, attaining the uniform height of 3 feet; the foliage is of medium size, of a rich healthy green color and the pods, which are produced in abundance from the bottom to the top of the vine, are long, almost straight. Equals Gradus in size of pods and excellence of flavor, but considerably more productive. Belonging to the early round seeded varieties, the seed may be sown much earlier than wrinkled sorts.

First and Best

Pkt. 10c, 1/2 lb. 30c, 1 lb. 45c. Postpaid

988—A standard first early variety, popular with gardeners in all parts of the country. An extra early, white-seeded pea, 2 1/2 feet high.

Alaska or Earliest of All

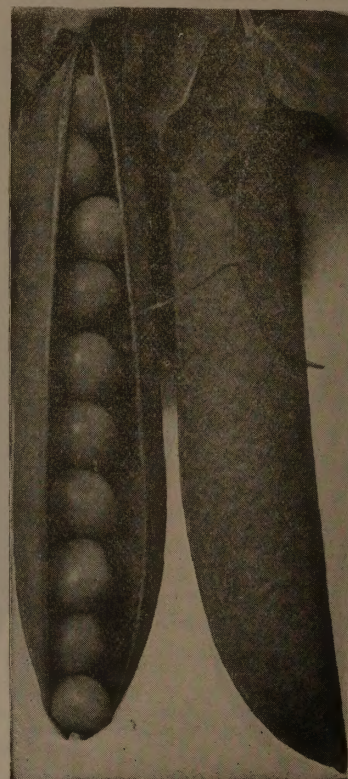
Pkt. 10c, 1/2 lb. 30c, 1 lb. 45c. Postpaid

989—A very early, smooth green pea, pods rather small, green color, well filled, good flavor. 2 feet high.

LITTLE MARVEL



AMERICAN
WONDER



McLEAN'S LITTLE GEM

Peas Main Crop and Late Varieties

Improved Stratagem

A Superior Selected Stock

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

1009—This variety is a familiar type everywhere. It is pleasing to the eye, delightful to the taste and remunerative to the grower. It is one of the greatest favorites for both market and home use. The vines are strong, vigorous and covered with immense pods, which curve gradually to a point, many of which measure as much as five inches in length and containing quite frequently ten, fine, large, richly flavored, uniform peas. Each seed, as a rule, produces two stalks, which make it extra productive. One of the very best wrinkled dwarf main crop varieties ever introduced. Grows 2 ft. high. (See illustration.)

Senator

Exceptionally Prolific

Pkt. 10c, 1/2 lb. 35c, 1 lb. 55c. Postpaid

1021—Senator is distinct from, and superior to, any other pea of its type. It is a cross between the old varieties Prince of Wales and Giant Marrow. One of the surest and most remarkable croppers. Recent trials and our own observation justify us recommending this excellent main crop pea. It produces large curved pods, mostly in pairs, containing on an average about nine large peas which are sweet in flavor. Grows 2 1/2 to 3 ft. high and has proved to be a most valuable variety for home and market garden. (See illustration.)

Champion of England

Pkt. 10c, 1/2 lb. 30c, 1 lb. 45c. Postpaid

1014—One of the oldest of the tall growing late peas, yet none have been found to surpass it in quality. The vines are very vigorous and produce large handsome pods in the greatest abundance. Height 5 ft. Pods well filled with peas of delicious flavor.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Grow More
PEAS
This Year

Duke of Albany

A Fine Exhibition Variety

Pkt. 10c, 1/2 lb. 30c, 1 lb. 45c. Postpaid

1015—One of the largest podded varieties in cultivation, and for this reason much in demand for exhibition purposes. Unlike some of the large podded sorts, it is a heavy cropper; grows to a height of 2 1/2 to 3 1/2 ft.; vines are strong and vigorous; medium green pods, dark green, 5 inches long; straight, curving slightly at the tip, containing usually 9 or 10 large sized peas in a pod of delicious flavor. Should have a place in every garden.

Telephone

Pkt. 10c, 1/2 lb. 30c, 1 lb. 50c. Postpaid

1017—A few days, perhaps four or five, later than the preceding and about 12 inches taller; if sown at the same time, will extend the period in which you will have delicious green peas in perfect condition. A heavy cropper; pods large, well filled and of excellent flavor.

Get Our Booklet
HOW TO COOK VEGETABLES

Reduce the cost of living and
still live well

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STRATAGEM



DUKE OF ALBANY



SENATOR

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CO., LTD.

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McKENZIE CO.,
LTD.



CHAMPION
MOSS CURLED
PARSLEY

PHOTOGRAPHED BY
A. E. McKENZIE CO., LTD.



MANITOBA PRIZE PARSNIP

Parsley

Parsley grows so well and so easily, that it seems almost a crime that there should be an ounce imported into this western country. Can be dried in a slow oven, the stems picked out and the dried leaves bottled will keep indefinitely. The seed germinates very slowly, consequently should be sown as early as possible in the spring. The seed may be made to germinate more rapidly by soaking it overnight in slightly warm water before using.

Champion Moss Curled

Pkt. 10c, oz. 15c, 1/4 lb. 45c. Postpaid

929—Compact growing, densely curled, mossy-like variety of a dark green color. Very popular and useful for garnishing.

Extra Triple Curled

Pkt. 10c, oz. 15c, 1/4 lb. 45c. Postpaid

930—Very free growing, beautifully curled, the best for general use.

Turnip-Rooted or Hamburg

Pkt. 10c, oz. 15c, 1/4 lb. 45c. Postpaid

931—Grown for the roots, which are somewhat similar to parsnips, only on a smaller scale. The flesh is white and the flavor resembles Celeriac. Excellent for flavoring soups.

Parsnip

Manitoba Prize Intermediate

A Popular Western Favorite

Pkt. 10c, oz. 20c, 1/4 lb. 50c. Postpaid

951—Although in general use for culinary purposes the great value of the Parsnip for stock feeding is not sufficiently known to be fully appreciated. Parsnips grow to perfection in Western Canada. Its distinctive taste and exceptional palatability are more noticeable than in most any other vegetable. Grows to a large size, smooth surface, fine grained and superlative flavor. (See illustration.)

Other Varieties

	Pkt.	Postpaid Oz.	1/4 lb.
952—HOLLOW CROWN. The old standard, smooth, large, tender and sugary. A heavy cropper.	.10	.15	.30
953—GUERNSEY. One of the best. Not quite as long but larger in diameter than the Hollow Crown. Easily harvested.	.10	.15	.30

Pepper

	Pkt.	Postpaid 1/2 Oz.	Oz.
1042—McKENZIE'S ALPHA. The earliest and most productive large variety. One of the sweetest and mildest. Grows fine bright red fruits about four inches long and two inches thick.	.10	.60	\$1.00
1039—RUBY KING. The fruits are from 4 to 6 inches long and about 3 1/4 inches through. Bright red color, remarkably mild and sweet, unsurpassed for stuffing. Single plants ripen 8 to 10 fruits.	.10		.80
1040—GOLDEN DAWN. Bright yellow, and very mild flavor.	.10		.80
1041—LONG RED CAYENNE. Long slender, scarlet fruits.	.10		.80

Pumpkin

McKenzie's Large Cheese

Pkt. 10c, oz. 25c, 1/4 lb. 75c, 1 lb. \$2.25. Postpaid

1061—It should be borne in mind that Pumpkin is perhaps the only vegetable that adapts itself to general table use as well as extensively for pie purposes. If for no other purpose than pie use, pumpkins, which thrive extraordinarily well in the West, should find a place in every garden. McKenzie's Large Cheese unquestionably receives greatest prominence on account of its cooking quality and the delicious pies it makes. Without doubt the very best Pumpkin grown. Its mammoth size, splendid shape, beautiful rich appearance, rich golden flesh and sweet mild flavor, make it by far the best for family use. As it is a very free and robust grower, very little care is required in its cultivation.



Other Varieties

	Pkt.	Postpaid Oz.	1/4 lb.	1 lb.
1062—SMALL SUGAR. Small, yellow, fine grained, sweet, very prolific.	.10	.25	.75	\$2.25
1063—CONNECTICUT LARGE FIELD. A fine large orange-colored variety used for field culture and stock feeding.	.10	.20	.60	2.00
1064—MAMMOTH or JUMBO. Flesh and skin are of bright golden color; flesh fine-grained and of excellent quality.	.10	.40	1.25	3.75

Radish

Non Plus Ultra

The Market Gardener's Favorite—Earliest in Cultivation

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. Postpaid

1086—Distinctly a Market Gardener's type owing to its exceptionally fine forcing characteristics, and as such is used by practically all gardeners for an early crop radish. It is likewise valued for its small uniform size, turnip shape and nice attractive appearance. Other valued essentials are its close growing habit (having small tops), its rapid growth in the open, and its ideal successive croppings. Added to these qualities are its exquisite mild flavor, crispness, solidity and juiciness. The flesh is a fine sparkling white, fine grained and solid. The skin is deep rich scarlet. (See illustration.)

Scarlet Globe Forcing

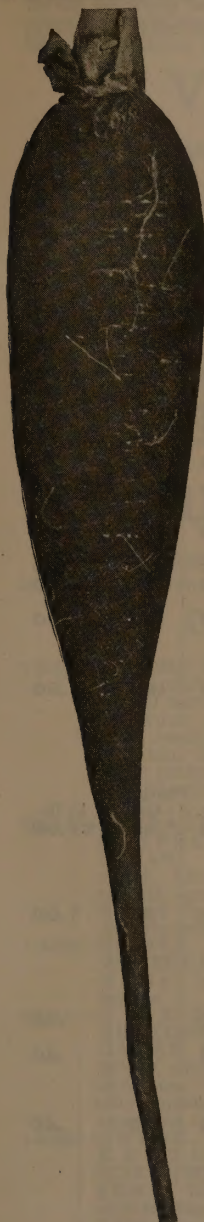
McKenzie's Selection—One of the Best Forcing Varieties

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. Postpaid

1085—In the European Markets, this type is particularly popular for extremely early Radishes, and, as a forcing Radish, is very hard to beat.

It does equally well outside. A fine Globe shape of striking crimson color, very small tops and grows exceptionally rapid, which does not in any manner affect its quality; in fact, it has tendency to make it more crisp, tender, mild and delicious in flavor. Flesh is of a fine white appearance, fine grained and solid. Our stock is exceptionally fine.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



LONG
BLACK SPANISH

Sow a few Radish every week and have them
fresh and crisp all summer long

McKenzie's Rosy Gem

A Reliable Forcing Variety

Pkt. 10c, oz. 20c, 1/4 lb. 50c,
1 lb. \$1.50. Postpaid

1084—Of the many fine radishes to select from, for crispness, tenderness, sweetness and mildness, we place Rosy Gem at the head of the list of the round or turnip shaped varieties. Experience has also demonstrated this variety as the best adapted to our varied climate. It is rose color tipped with white. Successive plantings give a supply of the finest radish throughout the season. An excellent sort for forcing, and valued much for market purposes. Our seed is grown from carefully transplanted roots and being one of our own selections, we recommend it with every confidence.



Early Scarlet Turnip

(WHITE TIPPED) A Very Rapid
Forcing Variety or for General Use
Pkt. 10c, oz. 20c, 1/4 lb. 50c,
1 lb. \$1.50. Postpaid

1088—It is equally popular as a forcing Radish as when planted in the open. Amongst its other advantages over most types is its ability to develop very quickly. Roots are usually ready for the table within 18 or 20 days from date of sowing. In shape this variety has a rounded form, the upper portion being an intense rosy crimson, the lower part white. For solidity, crispness and freedom from pungency, this variety possesses many properties not found in other varieties. We cannot write in terms sufficiently eulogistic concerning the many merits of this valuable sort.

White Strasburg

White, Firm,
and Brittle

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. Postpaid

1090—The enormous size and pure white color cannot be adequately conveyed by an illustration, and it is only when cut open that the chief merit is revealed. For a radish of such great size, it is remarkable for its absence from woodiness or dryness. It is firm in the flesh, juicy and of delicious pungent flavor. It is a pure white strain, thick at the shoulder and abruptly tapering resembling Chartier's, but attains much larger size. The specimen illustrated on this page exceeded ten inches in length and was proportionately broad at the shoulder, tapering along its entire length, thus making as nearly a perfect Radish as possible. A table delicacy for the epicure. Excellent in every way—one of the best long Radishes in cultivation. (See illustration.)

Long Black Spanish

The Largest and Hardest
Winter Variety

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. Postpaid

1147—One of the best winter varieties which, although not of recent introduction, holds its own with any long variety that has yet been grown in the West. There has been a keener demand for it during the past few years, which encourages us to give it greater prominence. It is a winter radish of large size, having a blackish brown skin and pure white flesh. To those who prefer a long radish we strongly recommend Black Spanish. (See illustration.)

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

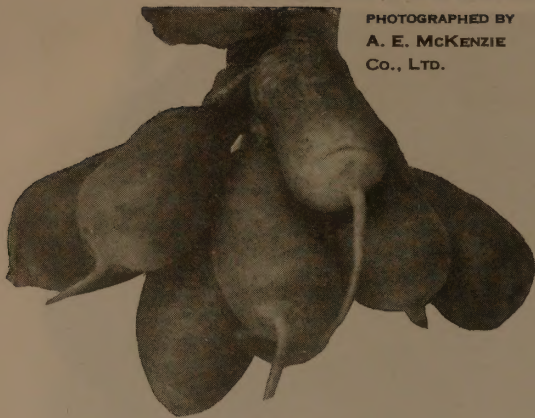


WHITE STRASBURG

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



NON PLUS
ULTRA



PHOTOGRAPHED BY
A. E. MCKENZIE
Co., LTD.

FRENCH BREAKFAST

Order Early

Never has there been such an extraordinary demand for Garden and Field Seeds. The choicest strains naturally go first. We urge every farmer to mail order TO-DAY.

PHOTOGRAPHED BY A. E. MCKENZIE
Co., LTD.



VICTORIA

PHOTOGRAPHED BY A. E. MCKENZIE Co., LTD.



LONGSTANDING ROUND SPINACH

Radish

French Breakfast

Beautiful, Tender, Attractive, Crisp

Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50. Postpaid

1119—Grows with remarkable rapidity and especially prized for its excellent forcing quality. Unexcelled for outdoor growing. It is crisp, tender, fine-grained and a cool refreshingly mild flavor. Is a beautiful olive or oblong shape (sometimes spoken of as a half-long), bright carmine color, with white tip. Grows about 2 inches long and one-half inch in diameter. Abruptly rounded at the ends.

There are so many inferior strains of this variety grown cheaply and for commercial purposes that we have taken every precaution to secure seed of the highest type. (See illustration.)

Long White Icicle

Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1 lb. \$1.50. Postpaid

1123—Considered by many to be the leading long white radish. A fine transparent white; growing from 4 to 6 inches long with small tops, thus permitting close planting. Very crisp and brittle—not woody. Is a good radish for forcing. As it is fit to pull in about 20 days from planting it is one of the quickest growing sorts. There is no variety of radish that grows more uniform in shape or of better quality. A general favorite everywhere.

Other Varieties

Early Round or Turnip-Shaped Varieties

- | | | | | |
|---|----------|---------|-------------|--------------|
| 1087—EARLY SCARLET BALL. Small round, rich color, small top and quick growth; flesh tender and crisp..... | Pkt. .10 | Oz. .20 | 1/4 lb. .50 | 1 lb. \$1.50 |
| 1089—EARLY WHITE GLOBE. Valuable for forcing; color clear white; flavor very mild..... | .10 | .20 | .50 | 1.50 |

Early Olive or Oval-Shaped Varieties

- | | | | | |
|--|----------|---------|-------------|------------|
| 1120—SCARLET OLIVE SHAPE. Popular because of its quick growth and fine bright scarlet color..... | Pkt. .10 | Oz. .20 | 1/4 lb. .50 | 1 lb. 1.50 |
|--|----------|---------|-------------|------------|

Early Long Varieties

- | | | | | |
|--|----------|---------|-------------|------------|
| 1121—CHARTIERS. White tipped, excellent, attains large size before it becomes fit for the table..... | Pkt. .10 | Oz. .20 | 1/4 lb. .50 | 1 lb. 1.50 |
| 1122—WOOD'S EARLY FRAME. Fine sort for first crop; continues brittle and tender until July..... | .10 | .20 | .50 | 1.50 |
| 1124—WHITE NAPLES. Excellent for table; flesh white, crisp and mild..... | .10 | .20 | .50 | 1.50 |
| 1125—WHITE VIENNA or LADY'S FINGER. Large, white crisp sort; flesh delicate and tender..... | .10 | .20 | .50 | 1.50 |

Winter Varieties

- | | | | | |
|--|----------|---------|-------------|------------|
| 1145—SCARLET CHINA. (China Rose). Skin smooth, bright rose, white tipped..... | Pkt. .10 | Oz. .20 | 1/4 lb. .50 | 1 lb. 1.50 |
| 1146—CALIFORNIA MAMMOTH. Eight to twelve inches long; two to three inches thick; white; solid, and of good quality..... | .10 | .20 | .50 | 1.50 |
| 1148—WHITE CHINESE. An excellent sort, flesh firm, of mild flavor..... | .10 | .20 | .50 | 1.50 |
| 1149—ROUND BLACK SPANISH. Similar to Long Black Spanish in every respect excepting shape. Preferred by many to the long variety..... | .10 | .20 | .50 | 1.50 |
| FAMILY RADISH MIXTURE | | | | |
| 1167—This is a mixture of all the Early and Medium Summer Varieties of all shapes and sizes, some of which will be ready earlier than others, giving a succession of varieties for the family table..... | Pkt. .10 | Oz. .20 | 1/4 lb. .50 | 1 lb. 1.50 |

Rhubarb

- | | | | |
|--|----------|---------|----------------|
| 1187—VICTORIA. Stalks red, thick, tender, good quality..... | Pkt. .10 | Oz. .35 | 1/4 lb. \$1.00 |
| Salsify or Vegetable Oyster | | | |
| 1197—MAMMOTH SANDWICH ISLAND. Large, superior quality, excellent flavor..... | .10 | .35 | 1.00 |

Spinach

- | | | | |
|--|----------|---------|-------------|
| 1217—CURLED-LEAVED SAVOY or BLOOMSDALE. Plant of upright growth, narrow pointed leaves, crinkled like those of Savoy Cabbage..... | Pkt. .10 | Oz. .15 | 1/4 lb. .40 |
| 1218—LONG STANDING. Leaves thick, fleshy and crumpled, round, large; dark green color; slow to run to seed..... | .10 | .15 | .40 |
| 1219—VICTORIA. Foliage heavy, the broad, dark green leaves being of the true Savoy appearance, and of finest quality; in prime condition two or three weeks after all other varieties have gone to seed..... | .10 | .15 | .40 |

Sunflower

Pkt. 10c, 1/2 lb. 25c, 1 lb. 40c. Postpaid. 5 lbs. or more by Express 25c, per lb.

1288—RUSSIAN GIANT. Immense single flowers, yellow, with large black centre, very prolific. Grown extensively for producing feed for poultry; also provides excellent shade for poultry. (See also page 71.) For feeding purposes see page 84. For Ensilage see page 49.

Squash

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

McKenzie's Early Orange Marrow

Acknowledged the best for the West

Pkt. 10c, oz. 35c, 1/4 lb. \$1.00,
1/2 lb. \$1.65. Postpaid



1237—Medium size and of rich golden color. Of superior hardiness, it seldom fails to ripen and is considered by many to be the most suitable for this country. It is an exceptionally good keeper; growers frequently carry them over winter until late the following summer.

Hubbard The Best Cooker The Best Keeper

Pkt. 10c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.50.
Postpaid

1248—As a cooker, Hubbard heads the list of winter varieties and the praises we get are gratifying.

Squash is one of the few vegetables that can be kept many months without fear of loss. It grows to perfection everywhere and under almost every condition. Identically the same food through our long winters, should be enough reminder to allot liberal space in the garden or the farm for growing squash, for a change. It matures earlier and keeps better. The vines are of strong running growth; fruits are large, olive shaped, of a deep rich green color, fine grained, very dry, the rind is smooth and altogether the fruit has a handsome appearance. The flavor is excellent.



ENGLISH LONG WHITE VEGETABLE MARROW

Vegetable Marrow, English Long White=(Bush)

Pkt. 10c, oz. 30c, 1/4 lb. 90c, 1/2 lb. \$1.60. Postpaid

1268—This variety has stood the test of many years and is still rightly considered to be one of the most desirable varieties to grow. It is an unusually safe cropper, fruiting abundantly if permitted, although better results are obtained when thinning is adopted. Fruits are oblong, tapering slightly at each end, and creamy-white in color. No other variety can approach the Long White for exquisiteness of flavor, and is highly esteemed for its well-merited cooking qualities. (See illustration.)

	Pkt.	Oz.	1/4 lb.	1/2 lb.	Postpaid
1240—EARLY YELLOW BUSH SCALLOP. An early variety, with flat, round scalloped fruit; skin deep yellow, flesh pale yellow color.	.10	.30	.90		\$1.50
1241—EARLY WHITE BUSH SCALLOP. Similar to above, but with creamy-white skin.	.10	.30	.90		1.50
1242—CROOKNECK. Splendid sort, early, productive and fine quality.	.10	.30	.90		1.50
1243—PERFECT GEM. Nearly round, 4 to 6 inches in diameter; prolific, skin cream-white; flesh white-grained.	.10	.30	.90		1.50
1244—BOSTON MARROW. Large oval fruit; skin bright orange, flesh orange, fine-grained and excellent quality.	.10	.30	.90		1.50
1245—FORDHOOK. It ripens early and is one of the best keepers we know of; flesh thick, straw colored.	.10	.30	.90		1.50
1246—GOLDEN HUBBARD. Bright deep orange-yellow, fine-grained, cooks very dry, and of excellent flavor; prolific and a good keeper.	.10	.30	.90		1.50
1247—CHICAGO WARTED HUBBARD. Extra choice variety, delicate, sweet flesh; not so thick as the old Hubbard; good keeper.	.10	.30	.90		1.50

Turnip

Early Snowball—(White Stone) Suitable for Table Use

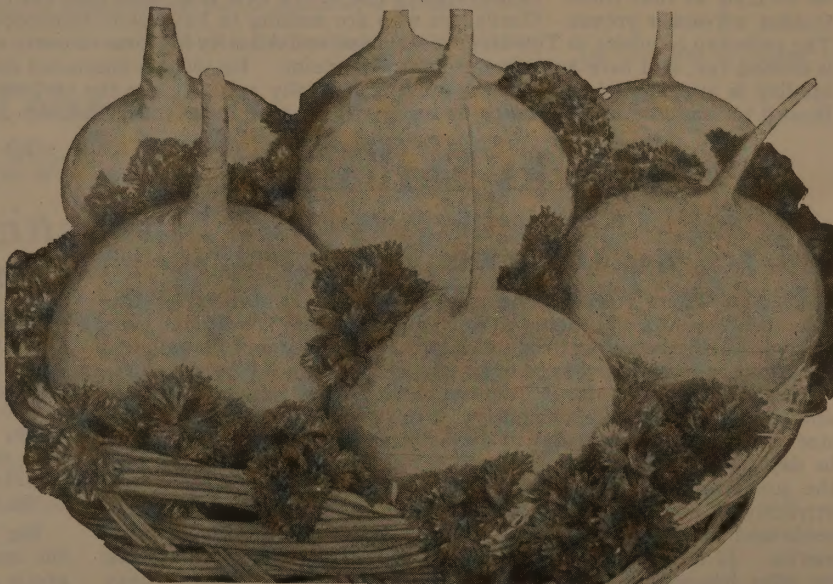
Pkt. 10c, oz. 20c, 1/4 lb. 50c, 1/2 lb. 85c, lb. \$1.50. Postpaid

1335—A very fine selected stock, flesh pure white, solid and of superior flavor. For general use, it is unequalled and is an ideal variety for exhibition. A distinct and beautiful turnip of remarkably quick growth. (See illustration.)

Other Varieties

	Pkt.	Oz.	1/4 lb.	1/2 lb.	lb.
1336—GOLDEN BALL. Beautiful bright yellow turnip of medium round size, sweet and delicious flavor. Flesh golden yellow, fine texture, firm.	.10	.20	.50	.85	1.50
1337—EXTRA EARLY PURPLE TOP MILAN. Flesh white, tender, smooth grained. Shape is flat and smooth.	.10	.20	.65	1.20	2.20
1338—PURPLE TOP WHITE GLOBE. Early, good keeper.	.10	.20	.50	.85	1.50
1471—SWEDEN BREADSTONE GREEN TOP. White, solid and delicious. Specially suitable for table use.	.10	.15	.30	.50	.90
1468—SWEDEN, MCKENZIE'S NORTHWESTERN. Invaluable for Stock or Table purposes; very good flavor.	.10	.15	.30	.50	.90

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



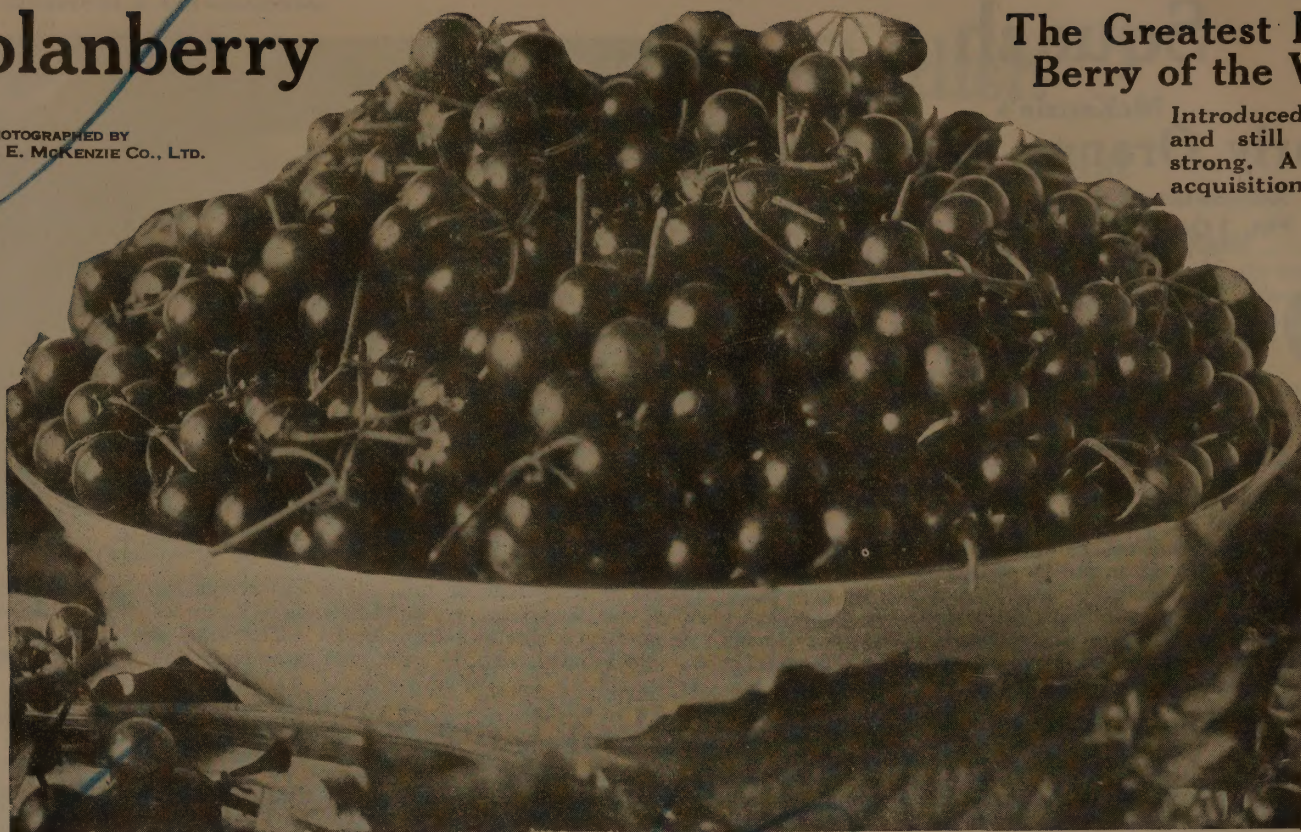
EARLY SNOWBALL TURNIP

Solanberry

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

The Greatest Fruit Berry of the West

Introduced in 1916
and still going
strong. A great
acquisition.



Solanberry Pkt. 15c. Postpaid

1555—The above illustration conveys quite an accurate idea of the fruit of the Solanberry, much reduced in size. It is one of the hardiest of plants, and may be either sown indoors and transplanted to the open or sown right out of doors. The first ripe fruits are usually ready about the middle of August, and the plants will continue to provide delicious ripe fruits until the end of October. There seems to be no end to the uses to which it can be put. Every year we hear of numerous new recipes in which the Solanberry plays an important part. It is used very generally for cakes, custard, fruit sauces, jam, jelly, marmalade, pies, pickles, spices, etc.

Tomato

Alacrity

The Earliest and Best of the Early Section

Pkt. 10, 1/2 oz. 40c, 1 oz. 60c, 1/4 lb. \$1.75. Postpaid

1306—Five years ago, we introduced this fine Tomato to the West and results have more than justified and confirmed the opinion we formed at that time. It is certainly one of the best selections that has ever come under our notice, and has given unbounded satisfaction wherever grown. Gardeners who are seeking to have good tomatoes "first on the market" can find nothing to beat Alacrity. The primary requisite in Tomatoes is earliness, and Alacrity has proved every claim made for it in this respect. Secondly, productiveness is looked for, and here again it does not disappoint. Its yield is enormous under normal conditions and proper treatment. The eating quality is superb and, in summing up, it is generally agreed to be the earliest, large, smooth, heavy yielding, red Tomato in commerce. Bound to increase in popularity as its merits become more widely known. Originated at the Central Experimental Station, Ottawa.

Sparks Earliana

A Standard Early Variety

Pkt. 10c, 1/2 oz. 40c, oz. 60c, 1/4 lb. \$1.75. Postpaid

1300—There seems to be no geographical limitation for this splendid Tomato. It accepts soils and weather conditions even to some very remote northerly points. Its solidity and fine quality are equal to most every type grown.

Plants are very compact in growth, with stout jointed branches, and the vines yield enormously. Fruits which are of moderate size (averaging three inches in diameter and two and a half inches in depth) are set close to the centre of the plant: thus exposed, the sun readily ripens them. Fleshy, solid, uniform, smooth and attractively shaped. Color, bright scarlet. Remarkably free from seeds and cavities. Its delicious quality and flavor are its crowning merits. Is an especially good keeper. The selection of the stock we offer has extended over many years, thus ensuring uniformity of fruits. Considered by many to be the best earliest scarlet-fruited tomato.

Chalk's Early Jewel

Aptly Named

Pkt. 10c, 1/2 oz. 40c, oz. 60c, 1/4 lb. \$1.75. Postpaid

1299—One of the largest, smoothest, and best flavored early red tomatoes in cultivation. About ten days later than Earliana, but a much heavier cropper, producing fruits of larger size and sweeter flavor, bearing continuously throughout the season. Its large, handsome fruits are very solid, bright scarlet color; ripen right up to the stem without cracks or green core. The foliage is open, admitting lots of sun, ripening the fruit rapidly, evenly, thoroughly. Leaves dark green and inclined to curl.

For general garden planting we consider Chalk's Jewel one of the most desirable sorts grown. The magnificent crops of fruit are a constant delight to the eye as well as a pleasure to the palate. We strongly recommend every user of vegetable seeds to give this a trial.

Tomato

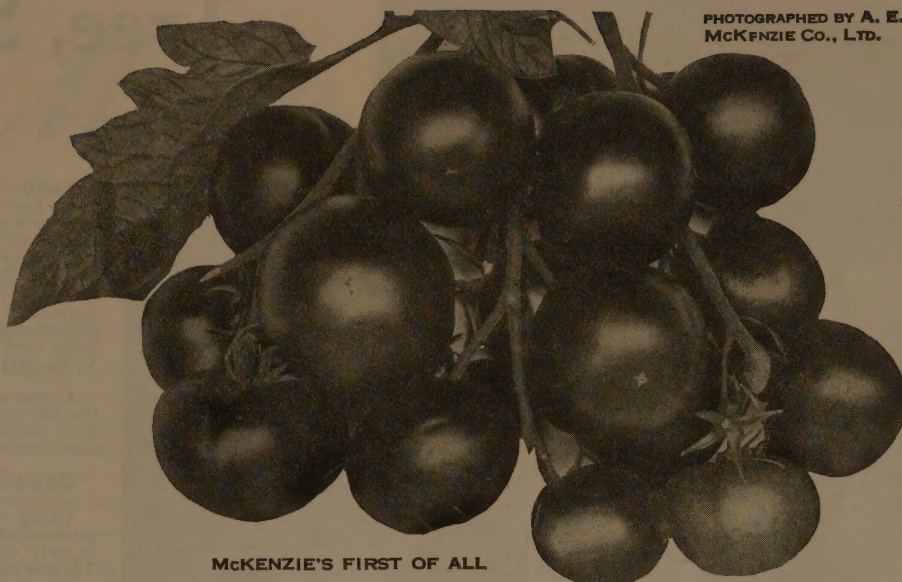
McKenzie's First of All

A Splendid Main Crop Variety

Pkt. 10c, 1/2 oz. 45c, oz. 75c.
1/4 lb. \$2.50. Postpaid

1298—McKenzie's "First of All" is true to its name and unsurpassed in quality. It derives its name from its extreme earliness and is unquestionably a great Tomato. Its production of fine, large fruits is enormous. It produces a closer-jointed and more compact vine than "Sparks Earliana" which it resembles.

The Tomatoes are very uniform in size, of smooth regular form, with fruits setting very freely. Is a beautiful red which continues to the very core. Choice seed grown under most excellent conditions producing a selection second to none on the market. The most important features to consider when growing Tomatoes are, rapid growth and adaptability to climate. This variety, owing to its extreme earliness, fills the bill admirably and is undoubtedly one of the very best for the Prairie West. (See illustration.)



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

MCKENZIE'S FIRST OF ALL

Early Atlantic or Ruby

Recommended for Heavy Cropping

Pkt. 10c, 1/2 oz. 40c, oz. 60c, 1/4 lb. \$1.75. Postpaid

1301—One of the handsomest and heaviest cropping Tomatoes on the market combining all the essentials needed to make a variety popular in Western Canada by its extreme earliness and the capacity of producing clusters of smooth, round, bright red fruits, devoid of blemishes and possessing a flavor unexcelled for quality. Flesh solid, unmatched in texture and with no hard core. The vines are of strong, vigorous growth, close jointed and as the blossoms set freely, the plants are capable of producing very heavy crops of well formed fruits of immense size, suitable for slicing.

As the vines are not over-burdened with foliage and the individual leaves are small, the fruits are quickly exposed to the beneficial influences of the sun, which naturally assists evenness and earliness of maturity. This is a grand variety for the private grower or market gardener.

Golden Husk

Also Called Strawberry or Ground Cherry

Pkt. 10c, 1/2 oz. 60c, 1 oz. \$1.00. Postpaid

1305—The fruits are enclosed in a husk or calyx. They grow about half an inch in diameter and are of very sweet and agreeable flavor. Is greatly in demand for use as a preserve. It makes delicious pies either when ripe or dried with sugar.

The Pierce Albino (New)

Pure White in Color, Containing no Acid

Sealed packets 40c, each.

1307—Described by the introducer as the most sensational novelty of the season, it marks an entirely new departure in Tomatoes, being white clear thru showing no red whatsoever, has a distinct flavor containing no acid. As hardy and early as Earliana. A heavy cropper, fruits borne in clusters of 3 to 5, nicely shaped, medium size.

Other Varieties

- 1302—RED CHERRY. A small early variety, size and shape of a cherry
1303—YELLOW PLUM-SHAPED. The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid and fleshy.
1304—RED PEAR-SHAPED. A favorite for preserves; and also "tomato figs." Fruit is bright red, perfect pear shape, and rich flavor.

Pkt.	Postpaid	
	1/2 oz.	1 oz.
.10	.60	\$1.00
.10	.60	1.00
.10	.60	1.00

Tobacco

Pkt. 10c, 1/2 oz. 60c, 1 oz. \$1.00. Postpaid

1325—Connecticut Seed Leaf. Usually considered the Standard.

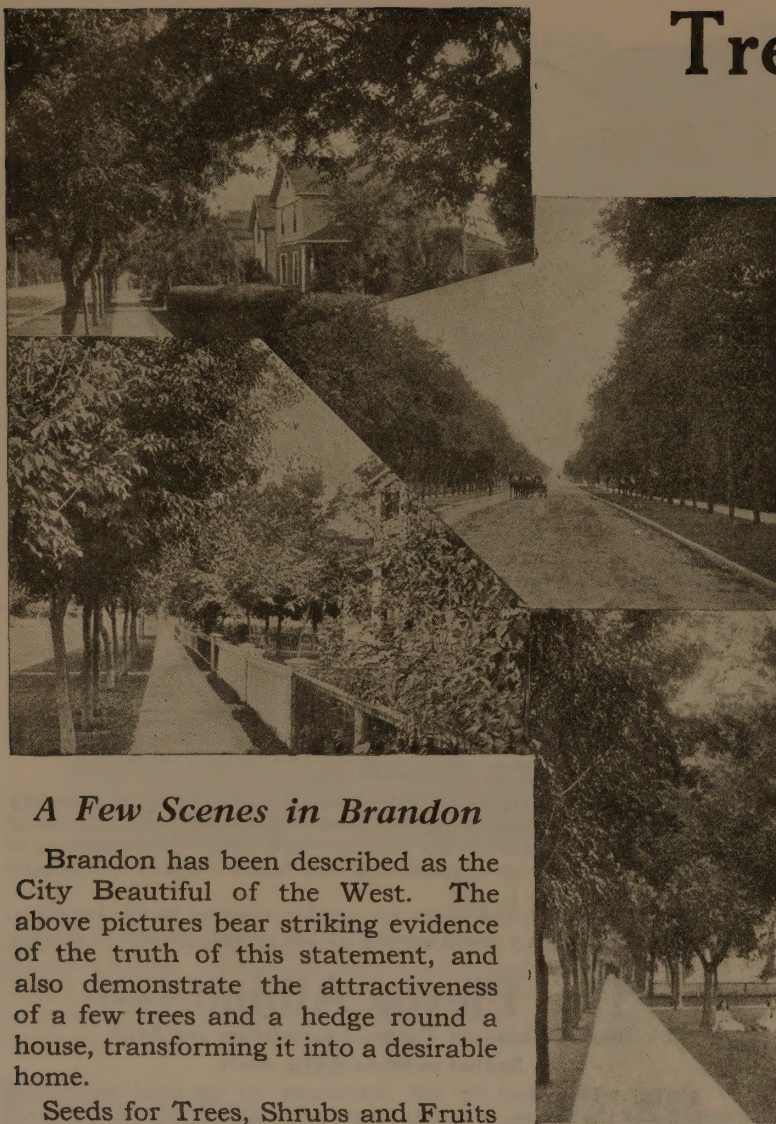
Sweet, Medicinal and Pot Herbs

A CORNER OF EVERY GARDEN should be devoted to the growing of a supply of pot-herbs which are so essential for domestic use. They can be gathered for flavoring purposes during the summer months; or the young stems and leaves can be cut on a dry day, tied in bunches and dried in a cool place for use during the winter months. Pack closely in bottles to exclude air.

	Postpaid	
	Pkt.	Oz.
1357—ANISE. Seeds aromatic and carminative...	.10	.35
1358—BALM. For making balm tea...	.10	.55
1359—BORAGE. Leaves used as a salad and for flavoring; flowers excellent for bees...	.10	.90
1360—CARAWAY. Seeds are used for flavoring bread, pastries and meats...	.10	.25
1362—DILL. Leaves are used in pickles, and for flavoring soups and sauces...	.10	.35
1363—FENNEL SWEET. The leaves boiled are used in sauces...	.10	.50
1364—HOREHOUND. The leaves are used for flavoring and the manufacture of cough medicine...	.10	.90
1365—HYSSOP. The tops and flowers are used for tea...	.10	.50
1366—LAVENDER. Used for perfumery...	.10	1.10

	Postpaid	
	Pkt.	Oz.
1367—POT MARIGOLD. The dried flowers are used for seasoning soups...	.10	.60
1368—ROSEMARY. Aromatic leaves used for seasoning...	.10	1.25
1369—RUE. For medicinal purposes; good for fowls for the croup...	.10	.90
1370—SAGE. Leaves and tops used for seasoning and stuffing...	.10	1.10
1371—SUMMER SAVORY. The leaves and young shoots are used for flavoring...	.10	1.10
1372—SWEET MARJORAM. Leaves and ends of young shoots are used for flavoring in summer and also dried for winter use...	.10	1.10
1373—THYME. Used for seasoning...	.10	1.10
1374—WORMWOOD. Beneficial for poultry, should be planted in poultry yards...	10	1.10

Tree, Shrub and Fruit Seeds



A Few Scenes in Brandon

Brandon has been described as the City Beautiful of the West. The above pictures bear striking evidence of the truth of this statement, and also demonstrate the attractiveness of a few trees and a hedge round a house, transforming it into a desirable home.

Seeds for Trees, Shrubs and Fruits grow readily in the Canadian West, therefore it is somewhat surprising that they have not received greater attention—which they undoubtedly deserve. A well-trimmed hedge and a few suitable shrubs add much that is desirable to the garden. The seeds offered here, being mostly native grown, are acclimatized to withstand our climate.

Elms and Birch are better sown as soon as the seed is ripe, for they are apt to lose their vitality quickly. Orders for these will be booked for delivery in June. BOX ELDER or MANITOBA MAPLE will yield about 2,500 plants from one pound of seed. CARAGANA will yield about 2,750 plants from one pound of seed. MANITOBA WHITE ASH will yield about 3,500 plants from one pound of seed. LARCH, BALSAM FIR, SPRUCE AND PINES, one pound of seed is sufficient for 100 square feet of surface.

1400—BALSAM FIR (*Abies balsamea*). An ornamental ever-green tree; very hardy. Sow seed in the spring in prepared beds and in rows 6 inches apart; cover with a light layer of sand and allow them to remain in the beds for two years before transplanting. Pkt. 15c. Oz. 50c, ¼ lb. \$1.60, ½ lb. \$3.00.

1403—BOX ELDER OR MANITOBA SOFT MAPLE (*Acer negundo*). When not too crowded will form beautiful groups in the garden. Requires a somewhat sheltered position. Easily raised from seed sown in spring or fall. Pkt. 10c, oz. 20c, ¼ lb. 45c, ½ lb. 80c, lb. \$1.50.

1404—BUCKTHORN (*Rhamnus Frangula*). Also known as the Berry-bearing Alder. Suitable for hedges and will thrive in any good garden soil. Seed may be sown as soon as ripe or in spring in cold frames. Pkt. 10c, oz. 30c, ¼ lb. 95c, ½ lb. \$1.75.

CARAGANA. See *Siberian Pea*.

1405—COTTONWOOD (*Populus deltoides*). Recommended particularly for the Canadian West on account of its rapid growth. Is very ornamental and attractive when planted in rows or avenues. Thrives on most soils. Pkt. 10c, oz. 30c, ¼ lb. 85c, ½ lb. \$1.50.

1406—DOGWOOD (*Cornus stolonifera*). Very ornamental, flowers white followed by white berries. Prefers moist situation. Sow seed in fall, pricking out seedlings in the following spring. Pkt. 10c, oz. 30c, ¼ lb. 85c, ½ lb. \$1.50.

1407—GINNALIAN MAPLE (*Acer tataricum*). Very ornamental. Same cultural directions as for Box Elder. Pkt. 10c, oz. 50c, ¼ lb. \$1.75, ½ lb. \$3.00.

1408—LARCH OR TAMARACK (*Larix Laracina*). Cultivation the same as for Balsam Fir. Pkt. 25c, oz. \$1.00

1409—LILAC (*Syringa vulgaris*). Very attractive and early flowering. Thrives in almost any soil. Pkt. 10c, oz. 35c, ¼ lb. 90c, ½ lb. \$1.60, lb. \$3.00.

1410—GREEN ASH (*Fraxinus veridis*). Seed should be sown in the spring in beds of good sandy loam and allowed to remain two seasons before transplanting in rows 6 inches apart, placing the seedlings 18 inches apart in the rows. Pkt. 10c, oz. 30c, ¼ lb. 75c, ½ lb. \$1.20, lb. \$2.00.

1411—MANITOBA NATIVE PLUM (*Prunus niger*). Sow seed as soon as ripe in a sheltered position. Thrives in any good garden soil. Very attractive and suitable for shrubberies, avenues, etc. Pkt. 10c, oz. 30c, ¼ lb. \$1.00, ½ lb. \$1.75, lb. \$3.25.

1412—MANITOBA WHITE ASH (*Fraxinus Americana*) Easily distinguished by the lighter, brownish-grey bark and pale green leaves. Same culture as Green Ash. Pkt. 10c, oz. 30c, ¼ lb. 95c, ½ lb. \$1.75.

	Pkt.	Oz.	Postpaid		
			¼ lb.	½ lb.	lb.
1413—MANITOBA WHITE ELM (<i>Ulmus Americana</i>). Very ornamental, prefers a mellow, loamy soil. Sow seed as soon as ripe in the spring.	.10	.30	.95	\$1.75	
1414—MOUNTAIN ASH (<i>Sorbus Americana</i>). Flowers white, followed by large bunches of bright red berries. Very attractive and ornamental. Sow seed as soon as ripe in prepared beds in the open ..	.10	.40	1.35	2.50	
1415—RUSSIAN OLIVE (<i>Elaeagnus angustifolia</i>). Also known as Jerusalem Willow. An ornamental shrub frequently covered with silvery scales. Sow seed in spring.	.10	.40	1.35	2.50	
1416—SCOTCH PINE (<i>Pinus sylvestris</i>). Same culture as Balsam Fir.	.10	.50	1.80	3.25	
1417—SIBERIAN PEA TREE (<i>Caragana arborescens</i>). Suitable for hedges and shrubberies and will flourish on poor soils. Seed may be sown as soon as ripe or in early spring.	.10	.30	.90	1.50	\$2.75
1418—SPRUCE, BLACK (<i>Picea nigra</i>). Suitable for pleasure grounds, parks, etc., and adapted to dry, rocky soils. For sowing see Balsam Fir.	.25	.75	2.75		
1419—SPRUCE, NORWAY (<i>Picea excelsa</i>). A very attractive species suitable for parks and pleasure.	.10	50	1.60		
1420—SPRUCE, WHITE (<i>Picea alba</i>). Of attractive appearance, suitable for parks, pleasure grounds, etc. For sowing see Balsam Fir.	.20	.75	2.50	5.00	
1421—TARTARIAN HONEYSUCKLE (<i>Lonicera tartarica</i>). Flowers pink to red and white. Fruits red. Sow seed in spring in cold frame and transplant when large enough in rich loamy soil. Red or white.	.10	.60	1.75	2.50	
1422—WHITE BIRCH (<i>Betula alba</i>). Trees are decidedly graceful and attractive. Sow seed in spring in beds of sandy loam and transplant following year.	.10	.40	1.20	2.00	

Grow More Roots

Sugar Beet Half Sugar Mangel

A Succulent Winter Feed for All Live Stock

Many are under the impression that Sugar Beet and Mangel are synonymous; but such is not the case. Sugar Beet differs from the ordinary varieties of Mangel, being much sweeter and more nutritious. The yield, however, is somewhat lighter; but many claim that what the beet loses in yield, it easily makes up in saccharine (sugar). The seed resembles that of Mangel and the method of cultivation is the same. The percentage of sugar is a variable quantity, some stocks giving as high as 16 to 20 per cent, while others as low as 6 to 8 per cent. It is therefore obvious that, to obtain the best results, only first-class pedigree stocks of seed should be used.

TWO GREAT SUGAR BEETS FOR STOCK FEEDING

McKenzie's Giant Rose and McKenzie's Monarch White represent the highest types of Sugar Beet or Half Sugar Mangel. In a very marked degree these two Sugar Beets emphasize the distinctive value of pedigree stocks as compared with ordinary stocks. This value does not consist only in the added weight per acre, which can be produced, but in high food value proved by chemical analysis. Weight per acre may be increased or diminished by cultivation, and the physical condition of the soil is also an important factor, but the highest food value is a matter of breeding, and is the result of years of painstaking selection.

Danish Improved

(Rose)

Deserving of More General Culture

1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 75c.
Postpaid

1431—This selection has gained rapidly in popularity during the past few years and it only needs to be still more generally known for its merit to be more appreciated.

Considered by many eminent authorities to be one of the best selections of the Sugar Beet family, and laboratory tests show that it possesses a very high percentage of sugar, making it invaluable for stock feeding.

The roots of McKenzie's Danish Improved are of thick oval form, tapering very gradually. Pink in color with white tip. A heavy cropper and in all points a very desirable selection to grow.

McKenzie's Giant

(Rose)

Highly Nutritious

1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 75c.
Postpaid

1429—One of the largest and most productive Sugar Beets that can be grown. We strongly recommend this as a particularly fine stock-feeding Sugar Beet of exceptionally high nutritive value.

The upper portion is of soft, bright pink, shading lighter towards the bottom, which is white. The flesh is white, firm, crisp and sweet. Recommended to Dairymen in particular, as it is very much more nutritious than Mangel and yields almost as much.

One of the most satisfactory kinds to grow on account of its adaptability to the West. (See illustration.)



McKenzie's Monarch

(White)

Remarkably Productive

1/4 lb. 25c, 1/2 lb. 40c, 1 lb. 75c.
Postpaid

1430—In order to obtain the highest percentage of sugar it is imperative that a first-class pedigree stock of seed be sown. Monarch supplies this need.

Its preponderance of sugar alone makes it a very valuable acquisition, as its sweetness is relished immensely by stock. Owing to its very large size it produces an exceptionally heavy yield, while its freedom from tap roots renders harvesting very easy. It differs from other varieties in appearance, as the upper portion is green, shading down to white at the bottom. The flesh is white, fine-grained, solid, tender and sweet.



Klein Wanzleben

Grown for Sugar Production

1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.00.
Postpaid

1432—This is quite a different type from the others offered on this page; it is not suitable for stock feeding, but the roots are used for the manufacture of sugar. In view of the high price of this commodity, and the shortage which so frequently exists, we recommend every farmer to grow a few of this variety so as to produce enough sugar for home use. Greater production in this, as in everything else, is the key to proper readjustment.

PHOTOGRAPHED BY
A. E. MCKENZIE CO.,
LTD.



MCKENZIE'S GIANT

Mangel

Prizetaker Yellow Globe

Every Mangel Grower Should try This

¼ lb. 25c, ½ lb. 40c, 1 lb. 75c. Postpaid

1448—McKenzie's Selected Prizetaker Yellow Globe has all the essentials of a good mangel in a very pronounced form.

This strain has been selected by careful breeding and the type is fixed, producing very large globular roots of symmetrical form, and of great depth with a single tap root, thus ensuring practically no waste. Does not bury itself in the soil and is easily pulled, thus saving much labor when lifting. The roots are very smooth, with very small tops. Skin a rich yellow and a good keeper.

Giant Yellow Globe

The Highest Type of Yellow Globe in Existence

¼ lb. 25c, ½ lb. 40c, 1 lb. 75c. Postpaid

1447—Has to be grown to be appreciated. Its high percentage of sugar, fine appearance, immense size and productiveness are unsurpassed. Noted for its small top and as it almost sits on the soil, lifting the crop involves the minimum of expense.

It grows uniformly, and the skin is an attractive golden yellow. The flesh is fine-grained, nutritious and highly relished by stock.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MANITOBA GIANT YELLOW



NOTHING LIKE ROOTS FOR FEEDING STOCK

McKenzie's Manitoba Giant Yellow

Our Standard Type

¼ lb. 30c, ½ lb. 45c, 1 lb. 80c. Postpaid

1442—This is what is known as an Intermediate or Gatepost type, and one of the heaviest croppers and largest grown. It grows from one to two-thirds above the surface, reaching large proportions in size. The skin is a rich golden yellow; flesh white, firm, and sweet in flavor, and esteemed highly for its feeding qualities. As the photograph indicates, it has an exceptionally fine, smooth, round shape that renders the harvesting a comparatively easy matter. Its great value lies in its high percentage of saccharine matter, consequently as a fattening food for stock it is unequalled.

Ranks high in saccharine substance, which combined with its heavy yield has given it a prominence out-ranking most other types. (See illustration.)



McKenzie's Eclipse

A Mangel of Great Merit

¼ lb. 30c, ½ lb. 45c, 1 lb. 80c. Postpaid

1441—A very popular variety in the Canadian West. The exceptional quality of the flesh so highly charged with saccharine entitles it to all the praise that can be given, and it is essentially a dairyman's mangel. The roots are of a deep orange color similar to the Golden Tankard, but a more uniform shape. Smooth, long and cylindrical, of the tankard type. Its even thickness throughout illustrates its modified absence of waste and large yielding characteristics.

Another remarkable feature is the very small tops, which permit of close planting. It is an exceptionally easy variety to harvest.

Yellow Intermediate or Gatepost

A Magnificent Quality Mangel

¼ lb. 25c, ½ lb. 40c, 1 lb. 75c. Postpaid

1445—Synonymous with its name it resembles in shape and size a "post." We firmly believe that every farmer who gives "Yellow Intermediate" a trial will grow it year after year, convinced that it is a grand mangel in every sense of the word. The merits of this mangel are many. 1st—Exceptionally heavy cropper. 2nd—Large size. 3rd—Easily harvested (as it grows about one half out of the soil). 4th—Very rich in saccharine. 5th—Highly relished by stock. 6th—Has a luscious sweet flavor. 7th—Very firm and solid. 8th—Fine keeper. 9th—Fine appearance.

**MCKENZIE'S
SELECTED
GOLDEN
TANKARD**

**PHOTOGRAPHED
BY A. E.
MCKENZIE
CO., LTD.**



**PHOTOGRAPHED
BY A. E.
MCKENZIE
CO., LTD.**



GIANT LONG RED

Mangel

Mangels and Sugar Beets

Of all root crops Sugar Beets and Mangels are the most relished by all kinds of farm animals, and they head the list, not only on account of their large yields, but also for their quality. They are more juicy, contain more sugar, and are the most profitable crop to raise. They also stand more heat and drought than Turnips and Rutabagas. 4 to 8 pounds of Sugar Beets or Mangels are equal in feeding value to one pound of grain barley. Sugar Beets are better for milch cows and for fattening stock. Mangels are better for young growing animals, as they contain less fat-forming elements and more frame and tissue elements, which are essential in raising strong and healthy animals. From 20 to 30 pounds of these roots can be fed daily to a mature cow, while a calf will consume from 10 pounds downward according to age. Sheep should be fed 2 to 4 pounds daily. Mangels are heavier croppers than Sugar Beets, but less rich in sugar; some large varieties of Sugar Beets are almost as productive, but could not be used for sugar factories as they contain only 10 to 12 per cent of sugar, while other varieties average 15 to 18 per cent. These large varieties grow partly out of the ground and consequently are much easier to harvest.

McKenzie's Selected Golden Tankard

Unequalled for the Dairy Farmer

$\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 40c, 1 lb. 75c.
Postpaid

1444—Possesses the highest feeding properties. The color of the rind is a deep reddish orange and the flesh is yellow. It does not grow as large as the Peerless, but heavy crops can be raised as the roots may be grown closer together. Very rich in saccharine, it has no rival for feeding value. Stock thrive rapidly on it. The roots are of a handsome uniform type, mature early and are usually devoid of side shoots or fangs. The crop is easily and cheaply harvested and when stored under favorable conditions will remain in excellent shape for a long period. (See illustration).



McKenzie's Peerless

Of Very High Feeding Value

$\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 50c, 1 lb. 90c. Postpaid

1440—In "MCKENZIE'S PEERLESS" we have a mangel that will be very hard to beat for feeding value. In heavy cropping qualities it is a wonder, yielding from 30 to 40 tons per acre on well prepared land. In the most severe laboratory tests PEERLESS has produced more sugary or dry feeding matter than most others. It resembles somewhat the Yellow Intermediate, roots are long, tapering gradually, skin is a reddish yellow. Grows well above the ground and is easily harvested. We recommend, however, growing the roots fairly close in the rows, as the smaller roots contain a higher percentage of sugar matter and the close planting increases the yield. (See illustration).



Giant Long Red

Unquestionably a Root of Exceptional Merit

$\frac{1}{4}$ lb. 25c, $\frac{1}{2}$ lb. 40c, 1 lb. 75c. Postpaid

1443—Our pedigree stock of Long Red Mangel is of the greatest value for feeding milch cows.

The roots are very large, uniformly straight and well formed. Color, deep red, roots solid, tops small.

In the selection of this variety the qualities sought have been the greatest weight with absence of super-abundant top and roots and the stock offered can be recommended as possessing these qualities in an eminent degree.

GROW MORE MANGELS

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MCKENZIE'S PEERLESS

Swede Turnip (Rutabaga)

Rutabagas are extensively grown for table use as well as for stock feed, and, on account of the comparatively short time required for their growth, are very remunerative. The demand for good quality roots is increasing, and the supply frequently falls short. Every farmer should grow Rutabagas if he desires to secure best feeding results. Four pounds of Rutabagas have a feeding value equal to one pound of good hay. They afford that change of diet so essential to all stock. The varieties offered below are such as will bring the best returns, as they have been specially selected for the purpose. There are many other sorts in use; but those listed will meet the requirements of all. Turnips have a flavor so distinct from Mangels, Carrots and Beets as to render their use a practical necessity. Sow 2 to 3 lbs. per acre. We would like to see root crops more generally grown in Western Canada, for we are confident they have only to be better known to be more fully appreciated.

McKenzie's

North-Western

As Good As Ever

Still the Leading Purple Top Variety

1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 90c.
Postpaid

1468—After many years' careful selection we placed this fine stock on the market, when it immediately jumped into popularity and it has retained its prominent position ever since. The secret of its exceptionally fine quality is explained in the one word "selection" and it combines all the important virtues necessary for complete satisfaction to the user, viz.:

- (1) Short Neck, (2) Short Top, (3) Firmness, (4) Sweet Flavor, (5) Productiveness, (6) Long Keeping, (7) High Feeding Value.

We strongly recommend all to include it in their order for Swede Turnips. It can also be used for the table, as its cooking qualities are excellent.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MCKENZIE'S NORTH-WESTERN

Bangholm

McKenzie's Selected

1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 90c.
Postpaid

1470—This old favorite is still as popular as ever and deservedly so. It can be recommended for any part of Canada. Has been one of the leading standard varieties for many years.

It is a variety that has been and is to-day one of the old reliable favorites with stock men. It has behind it a history of big crops. Year in, year out, it has proved its fitness as a general crop Swede.

Very large in size yet almost free from side roots. Skin is yellow with purple top. Flesh is a nice, yellowish color, fine in texture, firm, solid, and mild in flavor. Like most purple top varieties, it is not only valuable for stock feeding, but is excellent for table use.

NO PLANTS OR BULBS

Owing to the enormous demand for McKenzie's Seeds, we have found it necessary to devote our attention exclusively to the production and sale of seeds; we do not handle bulbs or plants.

Imperial

One of the Best Known Swedes

1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 90c. Postpaid

1469—Prominent enthusiasts of farm economy invariably mention Imperial as the Swede Turnip to include in the root crop.

It is highly prized for its enormous yield; this is especially true throughout the West where Swedes succeed so well. The quality is exceptionally fine and sugary, intensely fattening and nourishing; relished by stock. Fine-grained, solid, flesh yellow, mild flavor and an excellent keeper. Its round shape and exposed growing habit render the harvesting very easy. Its table quality is the highest.



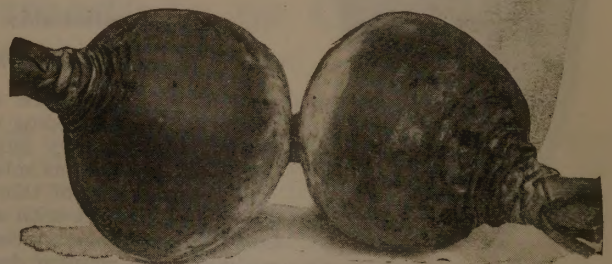
IMPERIAL

Monarch or Elephant

1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.10. Postpaid

1474—Sometimes referred to as "Elephant or Jumbo." A distinct variety of the highest merit. It is of oblong shape, standing well above the ground, and of a rich plum color. A field of this Swede has a magnificent appearance and the weight of crop it produces is very great. Ever since its introduction this Swede has been increasing in popularity and its heavy cropping and general good qualities entitle it to rank as one of the best varieties grown, particularly for early use.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



BANGHOLM

Other Varieties

	Postpaid	1/4 lb.	1/2 lb.	1 lb.
1475—HALL'S WESTBURY. Genuine stock, quite distinct and hard to excel.....	35	.60	\$1.10	
1480—WHITE SWEDE. White flesh; good for table use.....	.40	.65	1.15	

Root Crops To-Day and To-Morrow

Successful farming in Western Canada, to-day, and in the future, must resolve itself into a system of mixed farming, and include a well-defined scheme of crop rotation, suited to local conditions and individual needs. Root crop will play an important part in this development.

Swede Turnip

Universal

A Meritorious Swede Turnip of the Highest Quality

1/4 lb. 40c, 1/2 lb. 65c, 1 lb. \$1.15. Postpaid

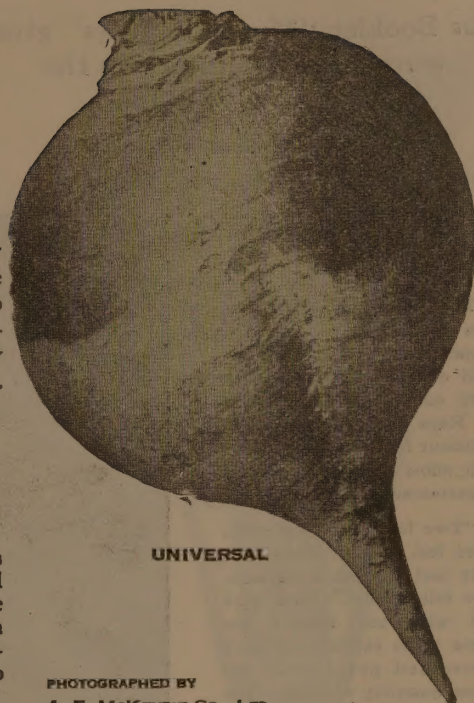
1473—It has become so popular that its name (happily chosen) is likely to be fully realized and maintained. It is known and grown in almost every country. In some districts it is known as Canadian Gem or Century. Its chief merits are :—(1) Ability to withstand extremes of temperature. (2) Great resistant powers against mildew. (3) Produces large, clean, shapely roots of uniform size. (4) Excellent feeding quality. (5) Easily harvested. (6) Highly relished by stock of all kinds. An excellent and serviceable variety. (See illustration.)

Superlative

The Dairymen's Swede

1/4 lb. 40c, 1/2 lb. 65c, 1 lb. \$1.15. Postpaid

1472—A very heavy cropper. One of the most hardy and disease-resisting sorts in cultivation. Grows freely in all kinds of soils. Of mild flavor, firm flesh and robust growing habit. Very rich in sugar and a long keeper. Of the purple top variety, it has much the same habit of growth but more oval in shape than McKenzie's Northwestern. In color it is a rich yellow with the genuine Rutabaga flesh. A selection that is very hard to beat and specially valuable to the dairy farmer.



UNIVERSAL

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

Breadstone Green Top

A Great Canadian Favorite

1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 90c. Postpaid

1471—Breadstone is hard to beat for western cultivation. In the first place it is a variety different from any other type; then again its robustness makes it peculiarly suitable to our climate. It is an excellent Swede for table use, which alone is a weighty consideration to busy farmers who can ill afford the time to plant the garden sorts; added to this is another distinctive feature—its long-keeping qualities for which it is known and appreciated everywhere. The roots are strikingly attractive, possess very little neck, the flesh is white, solid, delicious and mild flavor. As a cropper it can always be depended upon to produce large and profitable yields.

Kangaroo Green Top

1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1 10. Postpaid

1476—Noted for its heavy yielding and general good quality. In shape similar to Monarch, but grows a bronze-green top. The roots are tankard shaped and keep well. It is highly spoken of as being particularly suitable for the Prairie Provinces. The yield is heavy and the feeding value excellent. Well worth a trial. A standard variety, sure to please. (See illustration.)



KANGAROO GREEN TOP SWEDE

Fall Turnip

We strongly recommend farmers to increase their sowings of turnips, as we are sure the crop will prove remunerative for feeding stock and in addition valuable for table use. Fall turnips develop more rapidly than Swedes. Nothing better in the world to turn hogs, cattle and sheep into. Being softer, however, than Swedes, they are not recommended for keeping until late winter feeding.

Purple Top Yellow Aberdeen

A Scottish Introduction of Great Merit

1/4 lb. 30c, 1/2 lb. 55c, 1 lb. \$1.00. Postpaid

1499—A round, medium-sized, long-keeping, late-maturing, yellow fleshed turnip, with yellow roots and purple top. Very tender and sweet. It is hardy, productive and valuable for all kinds of stock. As it takes longer to mature than the white fleshed types the seed should be sown ten to fourteen days earlier than most sorts. Highly recommended. (See illustration.)

Purple Top Mammoth or Greystone

An English Favorite

1/4 lb. 30c, 1/2 lb. 55c, 1 lb. \$1.00. Postpaid

1498—Produces a greater weight per acre in a given time than any other white turnip. A reliable cropper, valuable for fall feeding. The roots are of a large globular shape, white skin with purple top. The foliage is heavy and cut. Flesh white, firm texture, mild flavor, sweet and superb quality. Matrices quickly and suitable for late sowings.



PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.

Other Varieties

	1/4 lb.	1/2 lb.	1 lb.
1500 —GREEN TOP YELLOW ABERDEEN. Differs from the purple-top in color only.....	.30	.55	\$1.00
1501 —SELECTED WHITE GLOBE. Grows large in rich soils.....	.30	.55	1.00
1502 —COWHORN OR WHITE TANKARD. Of distinct carrot-like form, somewhat crooked, growing nearly half out of the ground. Rapid growth, good yielder and well flavored.....	.50	.80	1.50

PURPLE TOP YELLOW ABERDEEN

Our Booklet "Money in Hogs" gives
some useful pointers on the
Growing of Rape

Free with Orders on Request

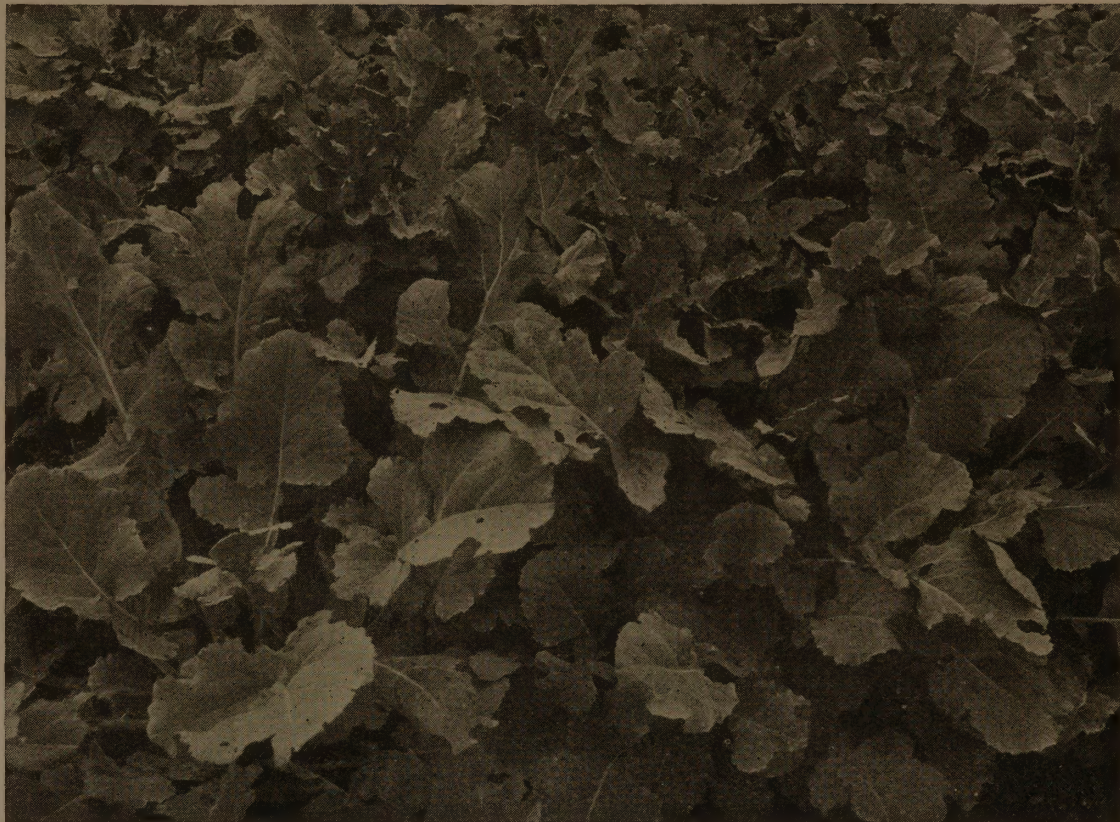
Three Great

Value of Rape Demonstrated

The following experiment was conducted at Brandon Experimental Farm in the Fall of 1919, demonstrating very convincingly the value of Rape as a hog pasture. Without further comment we will allow the report of the experiment to speak for itself.

"Two lots of 26 pigs each, were fed, one on Rape pasture and the other on summer fallow land. Both were fed with self feeders the same grain ration, and both consumed practically the same quantity of grain. The pigs on a half acre of bare land made 1,303 lbs. of gain in three months. The lot on Rape made 1,693 lbs. of gain in the same time.

That means that 390 lbs. of pork was produced by the half acre of Rape. At 17c per lb. for pork, that would mean a revenue of \$66.30 from a half acre, or at the rate of \$132.60 per acre, without any labor cost in harvesting.



Rape (Dwarf Essex)

1450 1 lb. 35c, 4 lb. \$1.30, postpaid. 10 lbs. or more 22c per lb., 25 lbs. or more 20c per lb. Purchaser pays freight

DESCRIPTION OF THE PLANT: The above illustration gives an excellent idea of the appearance of the plant and habit of growth of Dwarf Essex Rape. It belongs to the Brassica family and closely resembles the Swede Turnip or Ruta Baga, excepting that it produces no root, the whole strength of the plant being devoted to the production of succulent stems and leaves.

RAPE AND ITS USES: For generations it has been recognized in Great Britain and other European countries as one of the best pastures for sheep, as well as a first rate cleaning and soiling crop. It remained, however, to the farmers of this continent to demonstrate its great value as a hog pasture, in fact it has been proved that it may be used with advantage by all kinds of stock.

KEEP A SUPPLY ON HAND: It is such a useful crop and may be used with profit under so many different conditions that we recommend every farmer, even if only a limited number of stock are kept, to have a few pounds of Dwarf Essex Rape on hand to sow in case of emergency.

HOW TO GET BEST RESULTS: Rape will produce, under average conditions, from 10 to 20 tons of green feed per acre and will fatten sheep and hogs in a remarkably short time. A good plan is to divide the pasture into two equal areas and move the stock from one half to the other. This will not only considerably extend the period for which the pasture will be useful, but by allowing the plant to more fully develop, ensures greater returns. Sown with Oats will give excellent stubble pasture.

CAUTION

Don't attempt to sow anything only Genuine Dwarf Essex Rape, clean and free from impurities

Fodder Plants

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

McKenzie's "Duplex Rape-Kale"

The New Fodder Plant—A Wonderful Combination
Every Stock Raiser Should Grow This

1 lb. **\$2.00** 4 lbs. **\$7.75**, postpaid. 10 lbs. or more **\$1.85** per lb.
Purchaser pays freight

614—We take pardonable pride in having introduced this valuable fodder plant to Western Canada. Its usefulness and suitability have now been very thoroughly established. Its hardiness is undoubted, and its exceptional value as a milk producing fodder is beyond question. As a heavy cropper it is in a class by itself, this of course is largely due to the fact, that it not only produces a great weight of leaves, but the stem is of great feeding value.

The illustration gives a good idea of the nature of the stem. The marrow in this stem is softer than a turnip, is of high feeding value, and greatly relished by stock. Cattle eat it greedily, and will turn to this in preference to Mangel or Sugar Beet.

It withstands drought remarkably well. Has shown no tendency whatever to disease.

The tall growing habit of the plant permits of its being planted closer than is possible with Root crops.

The fact that it grows between 4 and 5 feet high will readily convey that a very heavy crop can be produced, over fourteen tons, green weight per acre, has been actually harvested.

Changing conditions necessitate new methods, and the greater production of fodder for stock has become an absolute necessity. We confidently recommend you to try a patch of Duplex Rape Kale, we believe you will be more than satisfied with the result.

The fodder plants featured on these two pages, viz Dwarf Essex Rape, Duplex Rape-Kale, and Thousand Headed Kale, are quite unique. To be fully appreciated you must use them. It is difficult to adequately describe their value. The Rape may be sown either in drills or broadcast. The Kales are best sown in drills and treated much the same as root crops. Their advantage over root crops are that they come into use sooner, and are adapted for pasturing as well as for cutting. We do not suggest that they are a substitute for roots, but rather recommend their use in addition to and in conjunction with them.



MCKENZIE'S
DUPLEX
RAPE-KALE

Thousand Headed Kale

Will Thrive on almost any Soil

1 lb. **1.00c**, 4 lbs. **\$3.85**, postpaid. 10 lbs. **\$8.50**, 25 lbs. **\$20.00**.
Purchaser pays freight

613—Thousand-headed Kale, belongs to the cabbage family, and is sometimes known as Thousand-headed Cabbage. It grows between 3 and 4 feet high, and produces an abundance of succulent leaves all round the stem. These leaves are greedily eaten by all kinds of stock; sheep seem to be especially fond of them.

The plant is perfectly hardy, is not affected by frost, and will produce a heavy crop, even under very dry conditions.

It should be sown in drills at least 30 inches apart, and thinned out to 24 inches between each plant.

In good well prepared land, with frequent cultivation will produce as high as fifteen tons per acre of green feed. Provides A1 pasture for all kinds of stock.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



THOUSAND HEADED KALE

Yesterday
To-Day
To-Morrow

"McKENZIE'S" were the Seeds in demand in the Canadian West many seasons ago. They are the QUALITY Seeds of Western Canada TO-DAY, and in the Greater Canada of the FUTURE will be found rising to the occasion, ever ready, better equipped to give unique and efficient service simultaneously with the progress of our great Dominion.

Field Carrot for Stock Feeding

All kinds of stock are extremely sensitive to a change of diet, and in order to obtain the best results it is essential that a variety of food be given. Carrots form one of the best articles of food and are highly relished. The feeding value runs very high, being directly to the proportionate dry matter protein, which, pound for pound, is equal to any grain and in many cases exceeds it. Scientific analysis reveals that the constituents of Carrots are 87% of water, about 1 1/4% of albuminoids, nearly 7% of sugar and 2% of carbohydrates. It is necessary to mention that Carrots are not good for very young animals, although they will, if given the opportunity, eat them greedily. Carrots are principally given to horses. The quantity of seed required per acre is 3 lbs. We list only the varieties which we know are most suitable for the West.



GREAT WHITE VOSGES

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

Giant White Vosges

A Grand Carrot for General Cultivation

Oz. 15c, 1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.00.
Postpaid

1396—The preference given White Vosges by the French, likewise their Eastern Canadian cousins, on account of its heavy cropping record, is unquestionably the reason this carrot is so generally grown in the West. This, combined with its splendid feeding qualities, makes it a leading variety for stock. Smooth, white, crisp, very rich in protein. The roots are clean, well-shaped and solid. Is a fine keeper. Greatly relished by all stock. We ask our customers to give this variety a trial alongside of any other carrot and note its remarkable characteristics. (See illustration.)



IMPROVED HALF LONG WHITE

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

McKenzie's Improved Half Long White

The Leading Carrot for Stock

Oz. 15c, 1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.00.
Postpaid

1394—Every farmer who has given this variety a trial states that it is one of the heaviest croppers grown. Marked improvements in the condition of stock have been obvious in every instance where it has been used. Aside from its feeding value for stock, which is the very highest, this splendid variety is the heaviest cropping Carrot.

The roots are smooth, clean, and well shaped, short and very heavy at the shoulder, thus rendering them easy to harvest. Do not break in pulling and sorting. Sound and solid. An exceptionally good keeper; has great succulency and nutritiousness, which make stock relish it keenly. The flesh is white, crisp, solid and very sweet in flavor. An improvement on the white and green Belgian sorts. (See illustration.)



Long White Belgian

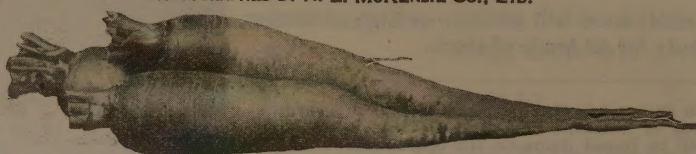
Oz. 10c, 1/4 lb. 30c, 1/2 lb. 50c, 1 lb. 80c.
Postpaid

1397—White Belgian has long been the leading Carrot in its native country and is used exclusively for stock feeding. Smooth, blunt, heavy root of a sweet palatable appetizing flavor; grows exposed fully one-third out of the ground, hence easily harvested. It is the largest white carrot and produces an immense quantity of large nutritious roots 3 to 4 inches in diameter. Very free grower and thrives on all soils; but the feeding qualities are scarcely equal to that of the red sorts. (See illustration.)

Long Orange Belgian

Oz. 15c, 1/4 lb. 35c, 1/2 lb. 60c, 1 lb. \$1.00. Postpaid
1398—Similar to white Belgian in almost every way excepting color. A very large heavy cropping variety and good value and well worth growing for stock. (See illustration.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



LONG ORANGE BELGIAN

LONG WHITE BELGIAN

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



LONG RED SURREY

Long Red Surrey

Oz. 15c, 1/4 lb. 35c, 1/2 lb. 60c,
1 lb. \$1.00. Postpaid

1399—Many farmers prefer to grow an orange carrot on account of its better eating qualities. While it is admitted that white carrots are the heaviest yielding it is recognized that for eating purposes the orange carrots are in favor. Long Red Surrey is an orange carrot developed to large size for stock feeding. It is a heavy yielder, fine length, thick crown, very little core, smooth, sweet, clean, tender, crisp and mellow. (See illustration.)

Coopers' Yellow Intermediate

Oz. 15c, 1/4 lb. 35c, 1/2 lb. 60c,
1 lb. \$1.00. Postpaid

1395—A very large rich stock carrot. It is a type of remarkable productiveness; very juicy and sweet, fine uniform size, solid and well shaped, clean-rooted, fine appearance and orange in color. A vast improvement on the white and orange Belgian sorts which have been such favorites in the past, not only in productiveness and ease of harvesting, but in its high feeding properties.

A Word About Field Carrots

Carrots, especially the yellow varieties, are very good for milch cows, as they tend to color the cream and butter. They can be fed up to 30 lbs. a day with good results. For sheep, feed 1 to 3 pounds daily. Horses are very fond of carrots, which improve their coats greatly. As a fattening food, carrots are better than mangels.



EARLY OHIO

Seed Potatoes

First Early Varieties

Early Ohio

One of the Most Popular Early Potatoes
Grown

1 lb. 35c, 4 lbs. \$1.10, postpaid

1 peck (15 lbs.) \$1.50

1/2 bush. \$2.50

Prices for larger quantities on application.

1573—A pink skinned, white fleshed potato of excellent table quality, medium sized with smooth surface, and remarkably shallow eyes. This is the most universally popular potato on the American continent. The fact that it combines heavy cropping, and superb table qualities, together with earliness, no doubt accounts for this. The vines grow very erect, making the drills easy to cultivate. The tubers grow very compact in the hill, and in consequence are very easily dug. Early Ohio is a very desirable potato, and one we can with confidence recommend. (See illustration).

McKenzie's Selected Bovee

Highly Recommended

1 lb. 35c, 4 lbs. \$1.10, postpaid, peck (15 lbs.) \$1.50.

1/2 bush. \$2.50. Prices for larger quantities on application

1575—In competitive trials this well-known variety has proved its large yielding properties. It gives bumper crops, quite equal to any in the early section and is a general favorite with Market Gardeners. It is unquestionably one of the heaviest yielders of any of the very early varieties, and has maintained its high character and popularity notwithstanding the numerous "novelties" and wonderful potato creations continually being introduced.

Pink Skin—White Flesh

The compact habit of the vines and tubers in growth permits of planting six inches closer than most early sorts.

Oval Shape—Fine Even Size

Of high table quality—floury and palatable. (See illustration).

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



BOVEE

Irish Cobbler

Demand Has Always Exceeded Supply

Prices on application

1572—We recommend Irish Cobbler to those who grow for early market, as a week in midsummer frequently makes a difference of many dollars to the grower.

The cream-white color of Irish Cobbler, its earliness, large netted tubers, immense productiveness, even shape, uniform size, excellent cooking qualities, snowy white flesh and fine flavor have made it one of the most popular potatoes in the Canadian West to-day.

The Central Experiment Station at Ottawa commend it very highly for general culture.

No praise is too high for Irish Cobbler as an early variety and for table use.

The eyes are strong and well developed but very slightly dented.

PHOTOGRAPHED BY A. E. McKENZIE CO., LTD.



IRISH COBBLER

Our stocks of potatoes are very limited. A large area were destroyed in the ground owing to the unusually early frost, consequently we prefer to quote prices in the spring, after they have been taken out of winter storage.

Prices listed on this page are F.O.B. Brandon, except quantities listed postpaid.

All Prices

Subject to Change
without Notice

Seed Potatoes

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Second Early and Main Crop Varieties

American Wonder

1 lb. **35c**, 4 lbs. **1.10c**, postpaid. Peck (15 lbs.) **\$1.50**,
 $\frac{1}{2}$ bush. **\$2.50**,

Prices for larger quantities on application

1567—This variety has been grown extensively throughout the Prairie provinces during the last few years, and has given such general satisfaction that we consider it worthy of every farmer's attention.

One of the best second early varieties which has succeeded in many districts, where others failed. The skin of creamy white and the almost pure white flesh make a combination which will commend it to every farmer and gardener. Its fine kidney shape has attracted attention wherever grown. Grows to a large size of shapely, uniform appearance and has shallow eyes which explains why it is considered an ideal market variety. Cooks dry and mealy, and is an excellent keeper.

Its cropping qualities are unquestionable—the yields it produces are quite exceptional.

Wee MacGregor

A Beautiful Potato—The Finest Grained and Whitest Grown

Price on application

1570—A Manitoba introduction, therefore of exceptional interest. By sheer merit this grand variety has become one of the leading and most popular main crop sorts of the day.

Potatoes and root crops will do much better where the land has been deeply plowed. Land which has been fall-plowed will be more subject to the mellowing action of frost, will be easier to work down to a fine seed bed, and will be more retentive of moisture than spring-plowed land.

Everybody knows "Wee Mac." We strongly recommend every planter to include a liberal acreage. The skin is unusually attractive, being of creamy buff. Shape oval and grows noticeably uniform which is one of its special points. Flesh pearly white and very fine-grained. Cooks dry and floury. Of distinctly palatable flavor. A good keeper.

There are many other sorts we could offer to our customers; but in keeping with our general policy we prefer to

confine our attentions to a select few that we can confidently recommend rather than list a number of ordinary merit. Buy this Stock. It will please you as it has done others.



WEE MACGREGOR

Important Notice

It has always been our policy to provide ample stocks of recognized standard varieties, but as it is impossible to foresee in advance of planting season what the demand will be, it sometimes happens stocks become exhausted earlier than we anticipated. Further, crops vary considerably from time to time in regard to quantity and quality, which also increases the difficulty of providing suitable seed of a particular variety. For this reason we respectfully request our customers to give a second or even third choice when ordering potatoes. We assure that in so doing each and every variety "preferred" will be shipped if unsold.

We wish it understood that in the event of our being sold out on the particular variety ordered we will substitute the nearest similar variety, unless specific instructions to the contrary accompany the order, in which event money will be cheerfully refunded.

All orders for potatoes are filled in strict rotation received.

Seed Potato Eyes by Mail

We have been sending out Potato Eyes by mail for the past few years and there is no doubt that this method is very popular on account of the convenience and promptitude with which supplies can be obtained. For those who are located at remote sections it is particularly suitable. While there are many advantages connected with ordering Potatoe Eyes by mail which cannot be overlooked (and we append some of them here) we think it desirable to mention that we recommend planting the whole Seed Potatoes in preference to the Eyes wherever possible.

The advantages of procuring new potato seed by mail cut to eyes, are:—

1st—Packed in neat packages, ready for use, they are delivered at your Post Office at a price which, in most cases, is less than the transportation charges would be if purchased in bulk.

2nd—No freight or express charges to pay.

3rd—Practically no danger from freezing.

4th—Enables you, at a small expense, to try out and secure new seed stock to suit your fancy.

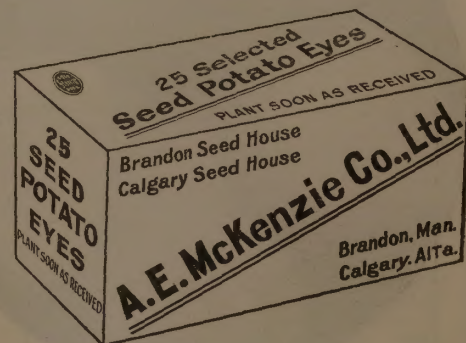
5th—Potatoes cut to eyes are a recognized method of planting, and give good results and large yields.

6th—It enables customers at remote sections to get a hurried and inexpensive delivery.

7th—We guarantee safe arrival in good condition for growing.

1577—100 Eyes, **\$1.25**, postpaid. 25 each of any four varieties.

Any one variety of Eyes **50c** per 25 eyes. Postpaid.



Prices Listed on this Page are F.O.B. Brandon, Man., Except Quantities Listed Postpaid.

Seed Oats

McKenzie's 96

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

3279—Another year's trial of this new introduction has convincingly demonstrated its usefulness for the west.

The features which specially distinguish McKenzie's 96 and place it in the front rank are:

1. Earliness, from 10 to 14 days earlier than Banner.
2. Wonderful stooling qualities enabling it to be sown thinly.
3. Produces an abundance of excellent feeding straw.
4. Strength of straw combined with extraordinary resiliency enable it to withstand successfully winds and storms which break down other varieties.
5. Enormous cropping qualities, 105 bushels per acre have been harvested.

The illustration at foot is from an actual photograph, being a handful taken from one of the sacks as they were being cleaned. Notice the even size of the kernels and absolute freedom from impurities of any kind, we believe there is not a wild oat or weed seed of any kind in the whole stock.

We don't want to say that this is the perfect oat, we have not reached that yet, but we know of no feature that we can refer to as a draw back or blemish.

We believe it to be the earliest large kernelled oat, a good cropper, thin hull, good color, strong and abundant straw of good-feeding quality, branching or pyramid head.

This briefly is a frank statement and description of McKenzie's 96. We might elaborate considerably, but feel this is neither necessary or desirable.

Last year so great was the demand for this oat that we were sold out long before the season was through.

We have provided abundant stocks for distribution this year, but the need for an oat of this type is so widely felt that we anticipate a strong demand. We cannot replace, once present stocks are sold, therefore we recommend early ordering.

The time to order is as soon as this catalog reaches you. We are ready to ship now, or can hold for your instructions.

You can have your requirements reserved by depositing one-third of the purchase price including bags, the balance to be paid when shipping instructions are given, but not later than April 1st. (See colored price sheet following page 48).

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MCKENZIE'S 96





Seed Oats

For Prices
See Price Sheet
Following Page 48

American Banner McKenzie's Special Strain

The Most Popular Oat in Western Canada

3212—In no variety used in Western Canada to-day is there such a variation or difference in types as in the Banner variety. Many stocks that are being offered as Banner bear no earmarks whatever of this popular oat. In spite of the advent of many more or less noteworthy varieties, Banner still continues to enjoy pride of place as the most useful Oat for the West, giving uniformly good results over a wider and more extended territory than possibly all other varieties combined.

Our strain, known throughout the West as McKenzie's Special Strain, is recognized as one of the finest types of Banner. It is distinguished by its long shaped, moderately plump kernels, and particularly thin hull. The straw is long and of an exceptionally elastic nature. It stools out well, but not too much to interfere with early ripening.

Being distinctly a pedigree oat, it can be relied upon to produce a bumper crop under normal conditions. Owing to its careful selection and trueness to type it will ripen evenly, and will produce not only a heavier crop, but a better grade than ordinary oats. This is just where pedigree counts. We mention this for the benefit of those who have not proven it. Those who have tried it know for themselves, and, with them, further argument is unnecessary.

For several years the demand for this Oat has considerably exceeded the supply. As we aim to send out only the choicest stock, well ripened, of good color, strong vitality, free from Wild Oats or other impurities, it will be readily understood that the supply is not unlimited, and consequently we urge early ordering as being the best safeguard against possible disappointment. (See colored price sheet following page 48.)

Registered Banner

3213—The prefix "Registered" used in the description of seed grain is universally understood to mean stocks which have been grown in accordance with the rules of the C.S.G.A.

The standards aimed at by the Association are high, and we have nothing but praise to bestow upon the unremitting care and perseverance on the part of the officials to maintain these, and so materially assist in the production of better grain. It should be remembered, however, that the quality of even Registered stocks varies, they cannot be standardized like gold or silver.

While we take no responsibility in regard to Registered stocks, we send them out under the seal of the Association as affixed by their inspector, nevertheless our unique position as the largest distributors of Seed Grain in Western Canada enables us to secure the stocks grown by the Association's front rank growers.

(See price sheet following page 48.)

Gartons 22

3293—This variety, though not anything like so extensively grown as Banner or Gold Rain, is a very popular oat in certain districts—especially where hot dry winds are experienced. It seems also to be endowed with exceptional drought-resisting qualities. It possesses a very thick hull, and germinates rather slower than the thinner hulled sorts, but after the young plants have started to grow they develop very quickly.

We offer this season a very fine clean stock of high vitality which we are confident will satisfy the most exacting buyer.

(See colored price sheet following page 48.)

Gold Rain

3281—We are pleased to offer a very fine stock of this variety. It is true to type, well ripened, germinates 100%. The salient features that distinguish Gold Rain are earliness, heavy yielder, very fine straw. This latter feature might possibly be described as its dominant characteristic.

The straw, as well as being of fine quality, possesses wonderful resiliency, and in consequence it withstands wind and storm and thus prevents lodging. The value of this will be readily apparent, especially to those who in the past have suffered either total or partial loss of crop from this cause. The straw is of particularly good feeding quality and value.

The grains are of a yellow or golden color, very thin hull, and being of even width, they generally weigh very heavy to the bushel. We have seen reports from growers stating that from the separator they weighed 50½ lbs. per bushel.

The stock we offer has been thoroughly re-cleaned and is a very typical sample, which will please the most discriminating buyer.

(See price sheet following page 48.)

Seed Oats

Victory (Seger)

3292—This oat is quite distinct in type, and has many characteristics by which it can be readily distinguished from other varieties. Its merits are such that it is rapidly making a place for itself, and is destined to become one of the standard sorts for the West. There are districts where Victory seems to be more popular than any other variety, whether due to any peculiarity in the climatic or soil conditions of the district or to the prejudice or preference of the growers we are not prepared to say. Whatever be the cause, there is no doubt that Victory is sufficiently valuable and popular to justify a place in our list. After careful observation covering a number of years we would briefly describe it as follows: Well adapted to prairie soils, the growing plant possesses considerable elasticity which enables it to resist wind storms without the straw being broken, the grain is white, kernels are large and plump, the hulls are thin, nearly beardless, ripens medium early and is a heavy cropper.

The stock we are offering is true to type, well matured, perfectly free from wild oats or other noxious weeds and of high vitality.

(See colored price sheet following page 48.)

Abundance

3217—Of English origin, and owing to its extra plump kernels, and consequent high face value, a most popular commercial oat, grading very high. It does not stool like most other varieties and for this reason should be sown thicker—in fact, from 3 to 4 bushels per acre is necessary to ensure a full crop.

While the hull is thicker than Banner or Victory it cannot be ranked as a thick hulled oat to the extent that this feature is detrimental to its value. As we have already stated, it occupies a high place commercially and always commands top price. Our stock is A1 in every respect.

(See colored price sheet following page 48.)

Newmarket

3214—This variety bears a striking resemblance to Abundance, and we doubt very much if there is any material difference between the two, although some of our customers maintain that they have experienced excellent results from Newmarket when Abundance and other varieties have failed; in fact, to use their own language, they "swear by Newmarket." To meet the requirements of such we can supply an excellent stock, A1 in every respect.

(See colored price sheet following page 48.)

PHOTOGRAPHED BY
A. E. MCKENZIE
CO., LTD.



VICTORY (SEGER)

60 Day or July

3215—The popularity of this oat is not only well maintained, but has increased in volume as its usefulness becomes known. It is quite a distinct type, in fact is in a class of its own, every feature being different from other varieties. Its claim to popularity rests mainly on its extreme earliness. Beyond question the earliest oat in cultivation. In these days of high prices and short crops it is difficult oftentimes for the average farmer to carry over enough oats to provide feed during harvest. Under such conditions, 60 Day or July Oats are of inestimable value, as they will ripen and can be cut before wheat harvest begins, and provide feed either threshed or in the sheaf.

They are very useful for late seeding where it is not convenient to sow Barley and Rye, and can be recommended for sowing on weed-infested land, particularly in facilitating the extinction of Wild Oats.

If one has been handling such large-grained varieties as Abundance, the 60 Day or July will appear small. Nevertheless, owing to its unusually thin hull, it gives a surprising yield of meal, altogether out of proportion to its apparent face value.

So valuable are these oats for early feed that growers exhaust their entire yield; consequently this tends to create a scarcity of this variety.

(See colored price sheet following page 48.)



SELECTED ABUNDANCE

Seed Wheat

Marquis

McKenzie's Gold Standard

3185—While it is possible that some of the more recently introduced varieties, after being more thoroughly tested, may to some extent displace Marquis, the fact remains that for the present, at least, Marquis continues to occupy pride of place. Marquis, to be maintained at its maximum value, both for cropping and quality, must be constantly re-selected. Like most hybrid varieties, it shows a very decided tendency to revert. A perfectly pure stock will in a comparatively short time develop a large proportion of bearded heads, and in other respects show reversion from the original type.

The stock we offer—by constant elimination and careful reselection, based on the most approved and up-to-date methods—has not only been kept pure and true to type, but has been vastly improved in every way, so that the stock we now offer is infinitely better than the original parent stock.

The crop was well harvested, and considering the dry season, the kernels are wonderfully well developed. Grown on clean land, it is perfectly free from weed seeds, and, after being carefully cleaned and graded by our up-to-date machinery, removing all small and immature kernels, represents a very fine sample indeed.

(See colored price sheet following page 48)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



GOLD STANDARD MARQUIS

Registered Marquis

It is now generally known that stocks to qualify for registration and sell as registered, are grown under certain conditions. The growing crop and the finished product are inspected by duly authorized officials, and the bags containing registered seed, tagged and sealed before distribution.

All Registered stocks are of a high standard of excellence, but as can be readily understood, the standards vary somewhat. Some growers, by a more thorough and determined application of the principles of selection, others by improved methods of cultivation, and others again, because of better growing conditions in their particular sections, produced better stocks.

REGISTERED MARQUIS STOCK No. 89P—We believe this represents possibly the highest type of Marquis. The grower has from time to time been awarded highest honors for exhibits of this identical stock, not only in the Dominion, but in competitions which were open to all the world.

The growing crop was almost as perfect a picture of a western wheat field as one could wish to see. The stock is of high purity and produces uniformly heavy crops. Weather conditions in the district where it was grown, were good, and the berries are plump, heavy and well developed, and are of high vitality.

We have no hesitation in saying that this is the best stock of Registered Marquis to be had, no matter what price you pay.

When ordering state reference number 89P.

(See colored price sheet following page 48)

REGISTERED MARQUIS STOCK No. 91X—This is a high grade stock of Registered Marquis. When inspected in the field, the records show that purity and trueness to type were excellent, while its yielding qualities are A1. So far as we know this stock has never been entered in prize-winning competitions, the grower being content to grow a good general purpose stock.

Weather conditions in the district were unfavorable, consequently the berry is not as plump as usual.

We confidently recommend this stock to those who want a good, pure, high-yielding strain, and are not desirous of entering competitions.

When ordering give reference number 91X.

(See colored price sheet following page 48)

All Registered stocks are sent out sealed and tagged by inspectors of C.S.G.A

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Prelude

3201—This is undoubtedly one of the earliest varieties of wheat, and was introduced specifically to enable farmers in the northern sections to grow wheat, particularly in districts where the frequency of Fall frost rendered it very hazardous to attempt to grow "Marquis" or "Red Fife."

It will ripen two weeks earlier than Marquis or Red Fife. It is a good milling wheat, but is not a heavy cropper. It has a bearded head and open chaff, and if permitted to be over-ripe before cutting, or if high winds are experienced just about the time it is ripening, it is apt to shatter badly.

For these reasons we only recommend its use in sections where Marquis or Red Fife cannot be successfully grown.

(See colored price sheet following page 48)



PRELUDE

Seed Wheat

Red Bobs

3179—No variety of recent introduction has been so much lauded as Red Bobs, this doubtless is accounted for, to some extent, by the fact that the name of its introducer, Mr. Seager Wheeler, is so well known in Wheat growing circles.

We believe that it is calculated to do more harm than good to unduly emphasize the merits of a new variety until at least they have been proved by practical tests under varying conditions. The tendency is to create exaggerated ideas of value, and if the variety does not measure up, disappointment is certain to follow.

We believe that in some respects Red Bobs has suffered in this very direction. It should, of course, be borne in mind that the past season was not by any means a good year in which to test out new varieties, particularly those for which extra yielding qualities were claimed, as no varieties of Wheat yielded up to their usual standard.

While we cannot see our way to endorse all the high sounding claims made in regard to Red Bobs, nevertheless, we believe it possesses merit, particularly in Northern districts. It is earlier than Marquis or Red Fife, and while not so early as Prelude, is a much heavier cropper, is beardless and not so easily shattered.

We are glad to be in a position to offer a reliable stock of this variety grown from seed supplied by the original raiser.

(See colored price sheet following page 48)

Kitchener

3190—The origin of this Wheat is rather interesting. Among Seager Wheeler's plots of Marquis, he noticed a type which showed distinct characteristics which appealed to him. He selected these heads, produced on a single plant, and grew them separately, and after careful observation, decided that he had a type possessing some very important advantages over Marquis.

We have been interested in this Wheat from its very inception. After observation of an impartial and unbiassed nature we declare unhesitatingly, that it possesses advantages which justify its continued use in Western Canada. While the improvements over Marquis are slight, nevertheless, it must be borne in mind that nature's evolutionary improvement is slow but sure. We anticipate that one of these days some observant grower will discover an improved type in Kitchener, and in this way progress will continue.

Briefly, the improvements in Kitchener are as follows: Resists Spring frosts better than Marquis, it is a few days earlier, produces a larger berry. Can be cut before becoming dead ripe, and does not shrivel like Marquis. More easily threshed. We have repeatedly heard complaints from farmers in regard to the difficulty of threshing Marquis, some stating that much of their Wheat goes into the straw pile. The last mentioned improvement alone therefore, would justify Kitchener receiving consideration.

Our stock this year is the finest we ever had, it is clean, plump, nice amber color, high vitality, and in fact, in every respect an extraordinary sample.

(See colored price sheet following page 48)

Dr. Saunders Early Red Fife

3189—The fact that this selection is associated with the name of Dr. Saunders, Dominion Cerealists, is sufficient evidence of its value, without further comment on our part. Marquis is universally popular, and in a surprisingly short period after its introduction almost completely superseded Red Fife. While it is generally recognized that on Summer Fallow, and when moisture is plentiful, Marquis is superior, on the other hand on Spring and Fall plowing, and in dry years, Red Fife possesses advantages, so far as cropping and production of straw are concerned, the only disadvantage is the fact that the unimproved Red Fife ripened a week or so later. The introduction, however, of Dr. Saunders Early Selection of Red Fife eliminates this objectionable feature, and will undoubtedly be welcomed by many who for one reason or another are not entirely satisfied with Marquis.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

The stock we offer was grown from the original stock and represents a very fine sample of this excellent selection. It is from 7 to 10 days earlier than unimproved Red Fife and a heavier cropper, while in all other respects equal. This readily conveys its value to every thinking farmer.

(See colored price sheet following page 48)

Red Fife

Gold Standard

3202—We offer a very fine selection of the old Red Fife. This variety still has many staunch admirers, who claim that for one reason or another, they still prefer it to any other. There were many farmers, particularly in the dry areas, who last season declared their intention of going back to Red Fife. To take care of the requirements of such we have provided ourselves with an excellent stock true to type, practically free from mixtures of other varieties, perfectly free from weed seeds, and considering the season, a very nice even sample of grain. The germination is A1.

(See colored price sheet following page 48)

Macaroni or Durum

3180—With drought on the one hand and rust on the other, seriously affecting Wheat crops in many parts of the West, farmers are looking for a variety that can be depended upon to produce a crop under these adverse conditions.

Macaroni Wheat resists both these blighting influences better than any other variety. The only objection to it is that millers in some instances have a prejudice against it. This is being gradually overcome, and any serious continuance of either drought or rust will undoubtedly lead to the increasing use of this variety.

(See colored price sheet following page 48)

Fall or Winter Wheat

Turkey or Alberta Red

3206—Where ordinarily it can be relied upon to escape winter killing, Alberta Red certainly possesses very real advantages.

Growers who have made a success of it and have not suffered from winter killing, attribute this in part to the fact that they have practiced sowing Winter Wheat about twice the depth at which Spring Wheat is ordinarily sown.

In districts where there is usually a heavy snowfall, reducing to a minimum the risk of winter killing, this variety is well worth trying. We have provided a limited quantity for the benefit of those who desire to try it. Place your order early.

(See colored price sheet following page 48)



Seed Barley

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Manchurian No. 871

Six-Rowed

3268—This is a selection from the well-known Manchurian variety, made at the North Dakota Experimental Station.

Grown from a single plant which showed characteristics of extra earliness, and the size of the head indicated that if this feature could be fixed it would prove a heavier yielder than the parent stock.

After several years careful tests this variety has demonstrated its superiority in regard to earliness, yield, strength of straw, and freedom from rust.

It ripens very evenly and can be harvested with less risk of waste by "shelling" than almost any other variety. Owing to crop failure we could not offer this Barley last season, and are pleased to have a nice stock for distribution this year. The quantity is limited, so early ordering is desirable.

(See colored price sheet following page 48)

For prices see
special price
sheet
following
page 48



PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

O. A. C. No. 21

Six-Rowed

3296—Another year's experience still finds O.A.C. 21 occupying the premier position as one of the best six-rowed barleys for Western Canada. It is a product of the Ontario Agricultural College, Guelph, Ont. It was selected in 1903 from a plot of about ten thousand plants. The stock was bred from a single plant, rigidly selected, until the type was fixed, and propagated very carefully until sufficient was saved to enable it to be distributed. We introduced it to the west in 1911, and although we have tried many other varieties in the meantime we have found nothing to equal it for general use. It is early, produces a plump kernel, good straw, and the heads do not break off or shell so readily as some other varieties.

The stock we are offering this year is of excellent quality, perfectly clean, well matured, and of high vitality.

(See colored price sheet following page 48.)

Mensury

Six-Rowed

3262—No one variety of Barley pleases everybody, and aside from this there are instances where a variety that does exceptionally well in most districts does not do so well in others. For this reason we find it necessary to have more than one variety to offer to our customers.

While we believe absolutely that O.A.C. 21 and Manchurian 871 measure up to all we have said about them, nevertheless the fact remains that there are many districts where a decided preference still exists in favor of Mensury. That being so, we find it necessary to offer same in our catalog, and are glad to say we have an excellent stock of well-ripened, clean, plump seed.

Mensury is so well known that it almost seems superfluous to describe it, excepting to say that it is extremely early and a heavy cropper, and by many is adjudged to be the best all round six rowed Barley for this western country.

(See colored price sheet following page 48.)

White Hulless

Improved

3263—This is a distinct type of Barley, being Beardless, and when threshed, Hulless. The absence of the troublesome beards or awns present in other varieties enables it to be used as a hay crop or for sheaf feed, for which purpose the ordinary varieties of Barley are entirely unsuitable. It is exceptionally early, maturing under favorable conditions in 60 days. Can be sown late, and is an excellent "catch crop." Well adapted as a cleaning crop. For stock feeding it has no equal, a heavy yielder, and excellent feeding quality. The grain is exceptionally heavy, weighing 60 to 63 lbs. to the measured bushel. Its nutritive value is very great, and can be used with equal success for feeding horses, poultry, hogs, and in fact all kinds of stock.

(See colored price sheet following page 48)



MANCHURIAN 871

A. E. McKenzie Co., Ltd., Brandon, Man.

Seed Flax

Primost (Minnesota No. 25)

3265—It is some years since we first introduced this variety to the Canadian West, and probably we can give no better testimonial in its favor than to say that we have invariably found the demand to exceed the supply. It originated at Minnesota Experimental Station, being a selection from what was known as the White Blossom Dutch Flax. It is from 7 to 10 days earlier than Common Flax (a valuable feature where early frosts are experienced). A heavy yielder, ripening very evenly, straw medium length, easily harvested. The grains of Primost are somewhat smaller than Common, and as a consequence it is sometimes difficult to remove such weed seeds as "Stickseed." Our highly perfected cleaning machinery enables us to remove all impurities that it is humanly possible to eliminate. The choicest and cleanest stocks naturally go first and we therefore recommend early ordering.

(See colored price sheet following page 48.)



PRIMOST FLAX

Common or Russian

3266—On virgin land newly broken—and especially where early frosts are not frequently encountered—Common Flax can be depended upon to give a good crop. The advantages of the Wilt- and Rust-Resistant types are naturally more in evidence on old lands when spores of these fungi are in the ground. Common Flax has again and again proved a "friend in need" to the new settler or homesteader. Its adaptability for sod land—splendid crops have been harvested sown on virgin land immediately after it was broken—its small bulk and high value, all contribute to make this variety always popular with the pioneer. The seed we offer is very choice, clean, plump and of excellent vitality.

(See colored price sheet following page 48.)

North Dakota Resistant No. 114

(N.D.R. 114)

3288—As its name indicates is a product of the North Dakota Agricultural College, and will doubtless long remain a monument to the genius of Prof. Bolley. Introduced to the Canadian West by us three years ago. The features which distinguish it from other selections are, viz.: it is taller than No. 52, ripens more regularly at the top, maturing its seed more evenly, and ripens earlier. The seed is dark brown in color, small and plump and nearly straight. It was selected on account of its wilt- and rust-resistant properties and also because of its evident heavy cropping qualities. It has been well tried in North Dakota and has amply justified all claims made for it. The seed we offer was grown from seed supplied by the North Dakota Experimental Station and the growing crop inspected and approved by them.

(See colored price sheet following page 48.)

The Growing of Flax

Flax is well adapted for growing on new breaking. Its shallow root system enables it to grow well and produce a crop in shallow soil where the plant food is near the surface. It is an ideal crop for the new settler as it can be handled with the minimum of equipment or horse power.

Golden

3264—Distinct from all other varieties in the beautiful golden color of the kernels and also in the color of the flower being white. About 10 days later in ripening than Primost, shorter in the straw, averaging about 18 inches.

Six years ago we introduced this variety to the Canadian West. Its advent was somewhat triumphantly heralded, inasmuch as that year it was awarded the Silver Medal for Flax at the International Dry Farming Congress at Tulsa, Okla. Yields on an average about the same as the brown-colored varieties. May be sown in precisely the same manner as other varieties.

(See colored price sheet following page 48.)

North Dakota Resistant No. 73

(N.D.R. 73)

3289—We especially recommend this variety to those whose crop has in the past suffered from rust. It is one of Prof. Bolley's selections which we had pleasure in introducing in 1916. A typical type of oil-producing flax. Not as strongly wilt-resistant as N.D.R. No. 114, but decidedly more rust-resistant. It is a very heavy yielder. Is equally suitable for old or new land. Our stock emanated from the North Dakota Experimental Station and what we now offer is the produce grown from seed supplied direct.

(See colored price sheet following page 48.)

North Dakota Resistant No. 52

(N.D.R. 52)

3290—A wilt-resistant strain of established reputation and the fact of its being introduced by Prof. Bolley is evidence of its dependability and adaptability to the West. Its powers of resisting wilt attack are very marked, and as it has been introduced sufficiently long to prove its superiority in this respect we recommend it. Not so tall in growth as No. 114, but is an exceptionally robust branching type. For old lands it is reputed to be very suitable and its yields are second to none. Well worth a trial. Our seed is choice stock.

(See colored price sheet following page 48.)

It Pays to Grow Flax

Seed Rye

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Growing Rye

Peculiar conditions arising through the war were responsible for introducing changes in practically every walk of life, and in none more than in the activities linked up with agriculture. It certainly developed the growing of rye in an extraordinary manner. The fact that there is now an assured market for this product, coupled with its many advantages will not only ensure its continuance, but we predict a steady increase. We have been advocating the more extensive use of Rye for years, in fact, we believe we were the first to recommend its extended use on a commercial scale. Our activity in this matter began long before the war, and we believe it was largely due to our efforts that so much seed Rye was available in the early years of the war, and was of such incalculable value in aiding the conservation of wheat. The uses of Rye are so diversified. Excellent pasture, abundant hay, or a valuable grain crop are possible. Will thrive on poor soil and will produce a crop under dry conditions. Not affected by rust. The sowing of Rye, either Spring or Fall varieties, is a good investment. By adopting such a plan you are playing safe against crop failure.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



Clean Rye

One sometimes hears an expression like this: "Rye is hard to clean," or, "It is hard to get clean Rye," and it is quite true, it is hard to clean. Not only does it require special machinery, but it takes a good deal of experience to learn how. The above photograph represents a handful taken from a bag of Fall Rye. It speaks for itself—nothing there but Rye, and cleaned so as to eliminate weak and poorly developed kernels. This ensures rapid germination and an even growth.

Spring Rye

We have made a special study of the selecting, grading and cleaning of this grain, and confidently believe we are not only the largest distributors, but are sending out the very best quality of Spring Rye. Impurities of every kind are removed, weak and immature kernels are cleaned out and only plump, well-developed, strong-growing kernels are left. You may sow thinner; every kernel will produce a strong healthy plant. The value of this will be readily appreciated, particularly with Spring Rye, which being largely used as a cleaning crop, it is very essential that rapid and uniform growth be obtained so as to offset the possibility of weeds getting ahead of the crop.

Ten Points

1. Splendid for pasture.
2. Produces abundant hay.
3. Valuable grain crop.
4. Thrives on poor soil.
5. Wonderfully drought-resistant.
6. One of the best nurse crops.
7. Invaluable as a cleaning crop.
8. Very rarely fails to produce a crop.
9. Can be sown as early as wheat.
10. Can also be sown late with good results.

3218—See colored price sheet following page 48

Winter Rye

We pride ourselves on the high quality of Winter or Fall Rye we send out. This achievement is the result of careful observation and years of experience. In the first place there are certain districts which produce seed of a distinctive quality. From these districts we select the very best. Stocks that have been grown under the best possible conditions have been well harvested and carefully threshed. These stocks on arrival at our warehouse are subjected to most exacting screening, on specially constructed mills, and the finished product is as near perfect as possible.

Advantages

1. Invaluable for Fall pasture.
2. Does well on light sandy soil.
3. Useful in preventing drifting.
4. Ripens before frost.
5. Early harvesting facilitates arrangement of work on the farm.

3219—See colored price sheet following page 48



Current Price List

Seed Grains, Grasses, Clovers, Etc.

Subject to change without notice



THE prices quoted in this list represent values on the date of issue (January 1, 1920), and apply on all varieties described and illustrated on pages 41 to 57 inclusive. We will endeavor to maintain these prices right through the season. It frequently happens, however, that, owing to fluctuations of the market, we are obliged to pay higher prices for replacing original stocks that have become sold out, than the prices quoted in this list. On the other hand, prices sometimes decline, hence the reason we make these prices "subject to change without notice."

Where a change in price has taken place, if higher, orders will be filled to the full extent of remittance received, if lower, balance over remitted will be returned.

F.O.B. Brandon, Man.

Catalog page	Catalog number	Varieties	Packed in bags each containing	Price of bags	CURRENT PRICES (January 1, 1920)				
					12 bush. or more	3 bush. bag	1 bush.		
41	3279	OATS McKenzie's 96.....	3 bush.	60c	\$2.20	\$2.25	\$2.35		
42	3212	Banner—Special Strain.....	3 bush.	35c	1.75	1.80	1.90		
42	3213	Banner —Registered.....	3 bush.	35c	2.20	2.25			
43	3217	Abundance.....	3 bush.	35c	1.50	1.55	1.65		
43	3292	Seger or Victory.....	3 bush.	35c	1.50	1.55	1.65		
42	3281	Gold Rain.....	3 bush.	60c	1.50	1.55	1.65		
42	3293	Garton's No. 22.....	3 bush.	35c	1.50	1.55	1.65		
43	3214	Newmarket.....	3 bush.	35c	1.50	1.55	1.65		
43	3215	Sixty Day or July.....	3 bush.	35c	1.55	1.60	1.70		
					10 bush. or more	2½ bush. bag			
45	3179	WHEAT Red Bobs.....	2½ bush.	35c	8.90	9.00	9.25		
45	3190	Kitchener—Gold Standard....	2½ bush.	35c	4.40	4.45	4.55		
					10 bush. or more	2 bush. bag			
44	3185	Marquis—Gold Standard.....	2 bush.	35c	3.45	3.50	3.60		
44	89P	Marquis—Registered Ref. 89P..	2 bush.	35c	3.85	3.90			
44	91X	Marquis—Registered Ref. 91X..	2 bush.	35c	3.55	3.60			
44	3201	Prelude—Gold Standard.....	2 bush.	35c	3.80	3.85	3.95		
45	3202	Red Fife—Gold Standard.....	2 bush.	35c	3.60	3.65	3.75		
45	3189	Red Fife—Dr. Saunders Extra Early.....	2 bush.	35c	3.80	3.85	3.95		
45	3180	Durum or Macaroni.....	2 bush.	35c	4.50	4.55	4.65		
45	3206	Fall or Winter—Turkey Red...	2 bush.	35c	4.15	4.20	4.30		
46	BARLEY								
	3268	Manchurian 871.....	2 bush.	35c	2.65	2.70	2.80		
	3296	O.A.C. 21.....	2 bush.	35c	2.55	2.60	2.70		
	3262	Mensury.....	2 bush.	35c	2.45	2.50	2.60		
	3263	White Hulless.... bush. 60 lbs.	2 bush.	35c	3.25	3.30	3.40		
47	FLAX								
	3206	Common or Russian.....	2 bush.	35c	6.70	6.75	6.90		
	3265	Primost.....	2 bush.	35c	6.85	6.90	7.05		
	3264	Golden.....	2 bush.	60c			7.50		
		N. Dakota Resistant.....	2 bush.		Prices on Application				
					2½ bush.	1 bush.			
48	3218	SPRING RYE.....	2½ bush.	50c	2.55	2.60	2.70		
	3219	WINTER RYE.....	2½ bush.	50c	2.65	2.70	2.80		
49	PEAS—FIELD				6 bush. or more	2 bush. bag	1 bush.	½ bush.	Postpaid 1 lb.
	3225	Golden Vine.....	2 bush.	60c	5.20	5.25	5.35	2.80	.35
	3226	Canadian Field.....	2 bush.	60c	5.10	5.20	5.30	2.80	.35
	3227	Canadian Beauty.....	2 bush.	60c	6.10	6.15	6.25	3.25	.35
	3229	Prussian Blue.....	2 bush.	60c	5.90	6.00	6.15	3.25	.35
	1018	Black Eye Marrowfat.....	2 bush.	60c	6.40	6.50	6.65	3.50	.35

BAGS

Owing to the high price, and extreme shortage of bags, in the interests of economy to our customers, we have this year filled our stocks of Grains and Grasses into bags of different values, and in this price list we have noted the price of bags, against each and every variety. When making out your order be sure and allow for bags as priced. All Grains and Grasses are bagged in advance of the shipping season, and can only be supplied in the bags as offered in this list.

Catalog page	Catalog number	Varieties	Packed in bags each containing	Price of bags	CURRENT PRICES (January 1, 1920)					
					1 bush.	½ bush.	100 lb.	50 lb.	25 lb.	Postpaid 1 lb.
49	3285	SPRING VETCH	2 bush.	60c	\$5.10	2.70				.40
49	3286	WINTER VETCH	100 lb.	60c			45.00	23.00	11.75	.75
49	3209	SPELTZ	100 lbs.	35c			5.75	3.00	1.60	.35
49		BUCKWHEAT								
	3210	Japanese	2 bush.	35c	5.25	2.75				.35
	3211	Silver Hulled	2 bush.	35c	5.25	2.75				.35
	3287	Common	2 bush.	35c	3.50	1.90				.30
49		SUNFLOWER								
	1288	Russian Giant	100 lb.	50c			22.00	11.50	6.10	.40
50		CORN—FIELD			5 bush. 2½ bush.					Postpaid
	3300	Northwestern Dent	2½ bush.	35c	4.20	4.25	4.30	2.40	1.50	1.00 .35
	3304	Improved Leaming Dent	2½ bush.	50c	3.60	3.65	3.70	2.10	1.15	1.00 .35
	3224	Minnesota No. 13 Dent	2½ bush.	35c	4.15	4.20	4.25	2.25	1.25	1.00 .35
	3221	Longfellow Yellow Flint	2½ bush.	35c	4.65	4.70	4.75	2.65	1.65	1.00 .35
52		BROME			100 lbs.		50 lb.		25 lb.	Postpaid 1 lb.
	3247	Gold Standard	100 lb.	50c	\$28.50	\$14.75		\$8.00		\$0.50
	3248	Gilt Edge	100 lb.	50c	27.00	13.75		7.50		.50
		WESTERN RYE								
	3245	Gold Standard	100 lb.	50c	28.00	14.50		7.75		.50
	3246	Gilt Edge	100 lb.	50c	26.50	13.50		7.00		.50
		BROME AND WESTERN								
	3282	RYE MIXED	100 lb.	50c	27.50	14.00		7.25		.50
53		TIMOTHY								
	3243	Gold Standard	120 lb.	60c	22.00	11.25		5.75		.45
	3244	Gilt Edge	120 lb.	60c	20.00	10.25		5.50		.40
	3284	Silver Standard	120 lb.	60c	18.50	9.75		5.25		.40
		KENTUCKY BLUE								
	3249	Gold Standard	100 lb.	50c	50.00	25.50		13.00		.75
	3250	Gilt Edge	100 lb.	50c	46.00	23.50		12.00		.70
		CANADIAN BLUE								
	3251	Gold Standard	100 lb.	50c	26.00	13.50		7.00		.50
	3251A	Gilt Edge	100 lb.	50c	25.00	13.00		6.75		.50
		RED TOP								
	3252	Gold Standard	100 lb.	50c	30.00	15.50		8.00		.55
	3252A	Gilt Edge	100 lb.	50c	28.00	14.50		7.75		.50
		MISCELLANEOUS GRASSES								
	3236	O.K. Pasture Grass	100 lb.	50c	32.00	16.50		8.75		.60
	3241	Crested Dogtail	100 lb.	50c	Price on Application					
	3238	Hard Fescue	100 lb.	50c	52.00	26.50		13.75		1.00
	3239	Sheep's Fescue	100 lb.	50c	Price on Application					
	3242	Meadow Fescue	100 lb.	50c	53.00	27.00		13.75		.75
	3237	Orchard or Cocksfoot	100 lb.	50c	53.00	27.00		13.75		.75
	3240	Wood Meadow	100 lb.	50c	Price on Application					
54		MILLET								
	3232	Common	145 lb.	45c	7.60	4.00		2.30		.30
	3231	Golden	145 lb.	45c	8.50	4.50		2.50		.30
	3235	Hog	145 lb.	45c	7.50	3.90		2.00		.30
	3233	Japanese	145 lb.	45c	12.50	6.55		3.60		.40
	3234	Siberian	145 lb.	45c	7.65	4.00		2.35		.30
	3280	SUDAN GRASS	145 lb.	50c	21.00	11.00		5.75		.45
55		CLOVER			100 lb.		50 lb.		25 lb.	Postpaid 1 lb.
	3273	Sweet White Blossom—Gold Std.	160 lb.	65c	\$43.00	\$22.00	\$11.25	\$4.70		\$0.70
	3274	Sweet White Blossom—Gilt Edge	160 lb.	65c	41.00	21.00	10.75	4.30		.70
	3259	Common Red—Gold Standard	160 lb.	65c	70.00	35.50	18.00	7.40		1.00
	3260	Common Red—Gilt Edge	160 lb.	65c	68.00	34.50	17.50	7.30		1.00
	3270	Mammoth Red—Gold Standard	160 lb.	65c	71.00	36.00	18.50	7.50		1.00
	3271	Mammoth Red—Gilt Edge	160 lb.	65c	70.00	35.50	18.00	7.40		1.00
	3275	Alsike—Gold Standard	160 lb.	65c	62.00	31.50	16.00	6.50		1.00
	3276	Alsike—Gilt Edge	160 lb.	65c	60.00	30.50	15.75	6.40		.90
	3261	White Dutch	160 lb.	65c				8.50		1.10
56.57		ALFALFA								
	3255	Turkestan	160 lb.	65c	60.00	30.50	15.50	6.25		.90
	3253	Stock No. 3253	160 lb.	65c	51.00	26.00	13.50	5.45		.85
	3323	Montana	160 lb.	65c	60.00	30.50	15.50	6.25		.90
	3257	Grimm	160 lb.	65c	85.00	43.00	22.00	8.75		1.20
	3320	Liscomb	160 lb.	65c	70.00	35.50	18.00	7.25		1.00
	3321	Cossack or Siberian								2.25

NON WARRANTY

While we (A. E. McKenzie Co., Ltd.) exercise care to have all seeds pure and true to name, we do not give, our Employees and Agents are forbidden to give any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same, including freight, will be promptly refunded.

A. E. MCKENZIE CO. LTD., Brandon, Man.

Field Peas A Valuable Western Farm Crop

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

The seeding of land which has been cropped for some years to wheat and other cereals with leguminous crops such as peas, has always been strongly recommended as being a very advantageous practice.

The intensive cultivation of the past four or five years has so changed conditions as to make this almost a necessity, if the fertility of the soil is to be maintained, and profitable crops harvested. The advancing values of land and the continued high prices being paid for cereals render this all the more necessary.

The practice of mixing a quantity of Oats with Peas, when sowing, say 2 bushels of Oats with 1½ bushels of Peas, has been found to be very successful. Not only has it been found to be a protection against the vines being blown, but it also greatly facilitates harvesting, and, as well, usually as large a crop of Peas is obtained as when sown alone, and the Oats therefore are an additional crop. The two crops can be threshed together, and if desired separated in cleaning. The Pea Vine straw greatly enhances the value of the sheaves for feed. The following varieties we have found to be best suited for growing in the West.

- 1018—BLACK EYE MARROWFAT. A strong grower of A1 quality.
- 1019—WHITE MARROWFAT. A splendid large pea of excellent feeding quality.
- 3227—CANADIAN BEAUTY. An excellent pea, large and very productive.
- 3226—CANADIAN FIELD. One of the best for general use.
- 3225—GOLDEN VINE. A small pea very productive, the vines make excellent hay.
- 3229—PRUSSIAN BLUE. An old favorite sometimes used for canning.

(See colored price sheet following page 48)

Spring Tares (Vetches)

3285—This is one of the most promising of all the leguminous plants. Rapidity in growth and extreme hardiness render it peculiarly suitable for our cool climate. As a fodder plant it provides abundant nourishment, and can be cured or made into ensilage. For building up soils Vetches are invaluable, gathering up nitrogen from the air and supplying to worn out or impoverished soils just the necessary stimulant so greatly needed. If sown alone sow about 2½ bushels of seed to the acre. May be sown with ½ bushel of Oats, which should assist in holding up the crop and making it easier to harvest.

(See colored price sheet following page 48)

Winter Vetch

(Also called Sand or Hairy Vetch)

3286—A valuable forage plant of particularly hardy constitution. An excellent winter cover crop which is being more extensively grown. Yields ten to eighteen tons of green fodder per acre.

(See colored price sheet following page 48)

Speltz

3209—The value of Speltz as a sure crop producer in Western Canada is yearly becoming better known and more appreciated, in fact our experience during the last 3 or 4 years has been that we have been unable to supply the demand.

As a cereal, in many respects it is unique. In appearance it closely resembles Barley, while in reality more closely allied to wheat.

As we have already said, it is a sure cropper, even under the driest and most adverse conditions; in fact we have never known a crop failure. So far as we know it is not susceptible to disease of any kind, and it will stand considerable frost without any harmful effects. It will ripen an excellent grain crop, or if desired can be used for green feed or hay. It can be sown as early as wheat, or if green feed only is required may be sown late. One of the most accommodating cereal crops grown.

It is rich in protein and may be fed with excellent results to milch cows, hogs, or stock of any kind. It is easily threshed, but should not be threshed so closely as wheat. As for feeding or seeding purposes, the outside hull may with advantage be left on. Demand invariably exceeds the supply, consequently we recommend early ordering to avoid disappointment.

(See colored price sheet following page 48.)

Buckwheat

3210—JAPANESE. Quite distinct from other varieties. Now being grown by many of the most successful farmers in the West. It is early and very productive. The rich dark brown kernels are larger than the Silver Hulled. Buckwheat is coming into considerable prominence as a cleaning crop. It makes excellent feed for cattle and hogs.

(See colored price sheet following page 48)

3211—SILVER HULLED. A great improvement over the original black or grey sort. It is early, yields nearly double the quantity per acre and remains longer in bloom than other sorts. An excellent variety for Honey Bees. Buckwheat sown along with Timothy and Clover is an adaptable plan.

(See colored price sheet following page 48)

3287—COMMON. A Manitoba grown stock of the popular Ontario variety

(See colored price sheet following page 48)

Sunflower

Russian Giant

1288—We are listing Sunflower with fodder plants this year for the purpose of emphasizing the importance of this crop for ensilage, for which corn has ordinarily been used. Experiments carried out at Manitoba Agricultural College, the Agricultural College, Saskatoon, and by many private farmers throughout the West, have demonstrated its wonderful value. Some have used it in the silo alone, with great success, while others have used it in combination with corn. Very heavy crops of valuable feeding value have been obtained, one great advantage it has over corn in the Western Provinces is its greater immunity from the effects of late and early frosts. The seed has long been regarded as being invaluable for poultry feed, while the stalks provide excellent kindling, but its possibilities for use in the silo have only recently been discovered.

(See colored price sheet following page 48)

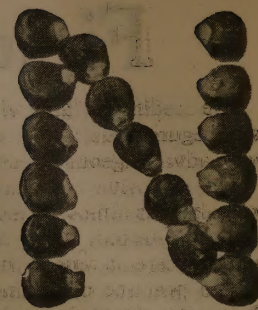
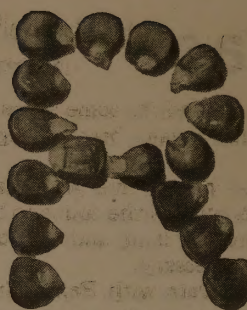
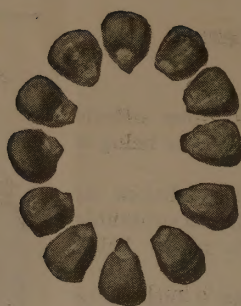
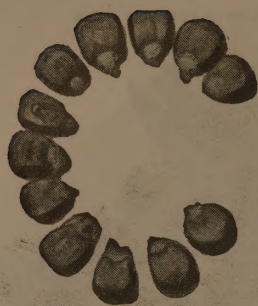


CANADIAN FIELD PEAS

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



HEAD OF SPELTZ



Corn-Growing in Western Canada

The season of 1919 was beyond doubt a banner year for Corn in Western Canada, even in districts where other crops were away under the average. Not only was an abundance of fodder produced, but reports have been received of unusual crops of matured cobs being raised equalling in quality and quantity anything produced in the states of North Dakota or Minnesota. As a result of last year's experience, the quantity of corn sown in the west in 1920 will assume much greater proportions. If similar results are again obtained it will be readily admitted that our prophecy of a few years ago in regard to the northward movement of the Corn Belt, is being fulfilled. Admittedly the past season was exceptionally favorable to corn, that is so far as the maturing of cobs was concerned, but apart altogether from this factor we unhesitatingly claim that corn is a profitable crop in Western Canada any year, even if no cobs are matured the fodder alone makes the crop well worth while. We again, therefore, repeat our slogan of the past number of years, viz., "Grow more Corn."

Early Northwestern Red Dent

The Dependable and Ever-Popular Variety

3300—Introduced twenty-three years ago; has not been superseded. When first placed on the market it was thought that the dark red kernels would constitute a handicap and militate against its success, but by sheer merit it has pushed to the front. The stock we offer to-day was grown under the most exacting conditions, bred and selected with a view to maintaining its earliness, hardiness and suitability for the Canadian West, and at the same time improve the fodder and cobbing qualities. Our selected strains grow from 6 to 7 feet high, the ears are about 9 inches long, produced from 24 to 30 inches from the ground. (See illustration)

(See colored price sheet following page 48.)

Minnesota No. 13 Yellow Dent

3224—This is an extremely handsome Yellow Dent variety, which, as its name suggests was raised at the Minnesota Experimental Station, from which source so many excellent productions have emanated. In Minnesota and North Dakota it is running Northwestern Dent very closely and in popularity is undoubtedly a very good second. It is not quite so early as the Northwestern Dent, but produces rather more fodder, and for this reason is preferred by some growers especially for Silo purposes. Dent varieties are best for the Silo as they are not so liable to become sour.

(See colored price sheet following page 48.)

Improved Leaming Yellow Dent

3304—We specially recommend this variety for ensilage purposes, or cutting for green fodder in the latter part of summer. It undoubtedly produces more abundant, leafy, succulent fodder than any other variety, in a normal season it will reach a height of from 12 to 16 feet giving an enormous tonnage per acre. For the silo we recommend its being used in combination with such varieties as Northwestern Dent and Minnesota No. 13 or Longfellow.

(See colored price sheet following page 48.)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



NORTHWESTERN DENT



MINNESOTA NO. 13

Corn—the King of Fodder Plants

Pointers on Corn Growing

Soils and Their Preparation. Fine crops of corn can be grown on any good soil except new breaking.

Summerfallow. Deep plowing, early in June is desirable, and frequent cultivation during summer. To eliminate weeds and maintain a surface mulch, plow again in the fall about 6 inches deep, harrowing before freezing up.

During winter cover with well-rotted manure, about twelve good loads per acre. In early spring harrow while manure is still frosty and lumpy. When the soil will permit discing do so.

Pasture or Meadow Land which has been sown with cultivated grasses, should be broken early in the spring to a depth of about 6 inches, and properly prepared for seed with discs and harrows.

Weed-infested Land. Plow and harrow early, to start the weeds, working the surface freely until about May 20th.

Seeding and Cultivation. Corn should not be sown before the 15th of May and nearer the 25th is usually better.

Sow in corn drills 36 inches apart, about two inches deep. Three or four stalks to the hill give best results.

An ordinary wheat drill answers the purpose by closing some of the spouts.

Regulate and test the flow on the barn floor or any hard surface before sowing. From 20 to 28 lbs. is ample to seed an acre.

Cultivation is the secret of success in growing corn.

Cultivate shallow; deep cultivation destroys the surface roots. The drier the weather the more cultivation.

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

Longfellow Yellow Flint

3221—The past season, being an exceptionally favorable one for corn, has proved very convincingly the undoubted superiority of our strain of this variety, and fully justifies our claim that it occupies a premier position among Yellow Flint varieties for Western Canada. In fact, it has exceeded the claims we made for it, inasmuch as our previous records showed it to have attained a height of 7 feet, whereas this fall reports came in to us advising of a growth of stalk of 9 ft. 8 in. In view of this it certainly does not take a mathematical calculation to prove that with a growth reaching such dimensions a wonderful crop would result.

Longfellow is an eight-rowed variety with large well-shaped ears, averaging 9 inches long, produced about 3 feet from the ground. The stalk is very leafy and succulent.

(See colored price sheet following page 48.)

North Dakota White Flint

3222—During the past season some wonderfully heavy crops of cobs of this variety have been recorded. A native of North Dakota, where it is regarded as one of their most dependable varieties, it possesses features of exceptional hardness. In this respect it rivals the famous Squaw variety, although not quite as early, but produces more fodder and larger cobs.

It grows from 5 to 6 feet high, the ears being borne 3 feet from the ground. It is exceptionally early; in fact, it can rightly be described as the earliest Field Corn in cultivation, and can be depended upon to produce cobs practically every season, as well as a fair amount of useful fodder.

(See colored price sheet following page 48.)

Seed Corn of Finest Quality

Anticipating a brisk demand for seed corn in view of the excellent results obtained by our customers last season, we have provided abundant stocks of Northern-grown seed, specially suited for Western needs. The varieties we offer proved by repeated tests have been demonstrated to be best for the west.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



NORTH DAKOTA WHITE FLINT



LONGFELLOW

Grasses For Pasture and Hay



BROMUS INERMIS

The demand for grass seeds during the past few years has been abnormal, far exceeding the supply. There have been many causes which have contributed to this condition. For many years there has been a gradual increase, due to the fact that, as the land became more settled and broken up for grain crops, the available quantity of wild hay was reduced. During the war, many farmers, in their commendable zeal to produce more wheat and increase all they could the exportable surplus, broke up land which ordinarily would have been left owing to its being of such a light sandy nature. Much of this land "blew" very badly, and, being unsuitable for the production of grain crops, will require to be re-seeded. Again, there are large areas which have been cropped so continuously that their fertility has been largely depleted, and must be sown down in grass for a year or two, to introduce fibre into the land. No better grasses for this purpose can be used than Brome or Western Rye grass, or a mixture of the two. We have provided abundant stocks, and the quality in every way is the best we have ever had. Many who were disappointed last year signified their intention of ordering early. The demand therefore will be exceptional, and it is desirable not to delay in securing requirements.

Frost-Resisting Drought-Defying **Brome** (*Bromus inermis*)

Pre-eminently the Grass for the Canadian West

There is more Brome seeded each year in Western Canada than any other grass seed. Ever since its introduction into Canada over 20 years ago the demand has steadily increased, and to-day it is considered to be the leading grass. The reasons for this are readily explained by

- (1) Its ability to withstand sudden climatic changes—no amount of cold seems to kill it.
- (2) Its phenomenal drought-resisting qualities.
- (3) In dry summers it produces more green food than any other grass.
- (4) Will thrive on loose and poor land.
- (5) Especially valuable for seeding down light soil in this Western Country which is subject to "blow."
- (6) Flourishes under unfavorable conditions better than any other grass.
- (7) It is considered the best grass for pasturage purposes; is better adapted as a pasture grass than for hay.

Its further usefulness is fully demonstrated by its adaptability to any soil, and its indifference to the tramping of cattle makes it especially important in sandy and gravelly pastures.

Fourteen pounds is the quantity recommended per acre when sown alone for pasture; or seven and a half pounds each per acre of Brome and Western Rye will make a fine mixture for hay. May be sown any time up to 1st September if there is sufficient moisture and the ground is in shape. Brome seed is exceedingly difficult to clean. Specially adapted machinery

and years of experience have enabled us to overcome many difficulties, and the seed we are sending out this year is the best yet, of exceptional purity and high vitality.

3247—Gold Standard—(See colored price sheet following page 48.)

Easily Sown Easily Grown
Easily Mown

Western Rye (*Agropyrum tenerum*)

The Well-known Bunch Grass of the North-West Known in some districts as Slender Wheat Grass

A native of Manitoba, originating over 20 years ago near Virden. It thrives anywhere and everywhere. There are many farmers who would not be without from 25 to 75 acres, and its cultivation is becoming more general every year. Western Rye grass is least affected of any grass when grown on alkali soil. It is valued most for its abundance of nutritious hay. Yields from 1 to 3 tons per acre. Should be sown 15 pounds to the acre. Although it affords excellent pasturage sown alone, but not as good as Brome alone for permanent pasture it is by all means preferable that it be sown with Brome, about 7½ pounds to the acre. Fifteen pounds sown with 2 pounds of Alsike and 2½ pounds of Red Top a particularly fine permanent pasture can be established.

Many farmers desire or prefer to secure a grain crop the season the grass is sown; for this reason they sow Western Rye with a nurse crop of grain. When sown alone continues for years to yield greater than when sown with a nurse crop.

The light chaff-like seed is extremely difficult to clean. Having the finest equipment and most improved machinery enables us to make our stock the finest and purest in the West; free from noxious weeds and of highest germination. Land sown with Western Rye grass and mown for 2 or 3 years, if broken up, will be found to be sweet and clean, almost like new breaking.

3245—Gold Standard } (See colored price sheet following page 48.)
3246—Gilt Edge }

Brome and Western Rye Mixed

Brome Grass when sown alone for hay purposes grows so prolific as to render curing difficult—therefore Western Rye produces a plant which, while considerably different from Brome, is a splendid seed for mixing with Brome for Hay purposes only.

Our equipment includes a specially designed mixing machine which ensures uniform distribution when the seeds are sown. For pasturage purposes it is preferable to seed Brome alone.

3282—(See colored price sheet following page 48.)



Timothy *Phleum pratense*

One of the most valuable grasses. Of great nutritive value, very productive. The seeds being very small and produced in great abundance its cost is the most economical of any grass. Animals have a particular fondness for it. It is a perennial and perfectly hardy throughout Western Canada. Grows in stools, never forms a compact sod. It attains perfection on rich clay and loam, in fact is better adapted to heavy than sandy soils; to moist, than dry localities.

Timothy withstands extremes of cold. It is not recommended for permanent pasturage owing to its tendency to run out in a few years.

Succeeds equally well with or without a nurse crop of grain. Six pounds sow an acre. Sown alone, or with Red Clover, Timothy produces an exceptionally fine quality of hay, and for this purpose is extensively sown, although other grasses, particularly Brome, make better pasture.

Our stocks are exceptionally choice, plump, clean and high germination.

3243—Gold Standard } (See colored price sheet following page 48)
3244—Gilt Edge



Kentucky Blue (*Poa pratensis*)

Sometimes called "June Grass"

To obtain a satisfactory growth of this grass it is essential that a well prepared seed bed be available and we only recommend its use in favored situations. We mention this so that it will be thoroughly understood that it is not in the same class for general use in the West as Brome or Western Ryegrass for instance. Where suitable conditions are available this grass will produce an excellent pasture of a beautiful verdant green, particularly desirable for sowing on a pasture field near the home where appearance counts for something. The creeping underground stems enable it to withstand great drought, and its permanency is undoubted.

3249—Gold Standard—(See colored price sheet following page 48)

Red Top (*Agrostis vulgaris*)

Also Known as Herd's Grass

This is especially valuable sown in mixture with Timothy, Brome, Western Rye, or Clovers, as it is of a more permanent nature than other grasses. Should be fed close, as cattle relish it more as a pasture than hay. It is very robust growing and establishes a protection growth for other grasses.

Grows most luxuriantly on moist, rich soils. It will produce a fall crop on coarse gravelly land and has succeeded on alkali land when other grasses have failed

3252—Gold Standard—(See colored price sheet following page 48)

Crested Dogstail (*Cynosurus cristatus*)

A very useful grass for sheep pastures and lawns as it makes close, fine and compact growth. The value of this species is greatest at the time of flowering. If left until the seeds ripen the stems lose practically the whole of their nutritive value and are then not so palatable for stock. Thrives well on practically any soil.

3241—Gold Standard—(See colored price sheet following page 48)

Orchard or Cocksfoot

(*Dactylis glomerata*)

It is a very common species growing in almost all soils. Though it looks coarse, it is one of the earliest, most productive, nutritious, and valuable of the cultivated grasses and it comes quickly to perfection. As its roots penetrate to considerable depth, it withstands drought on light dry soils better than most other grasses. Should be more extensively grown.

3237—Gold Standard—(See colored price sheet following page 48)

Sheep's Fescue (*Festuca ovina*)

Being so similar in many respects to Hard Fescue this grass is used for the same purpose. An excellent variety for poor sandy soils. It is of very fine foliage and densely tufted.

Endures extremes of heat and cold and for this reason its cultivation in the Canadian West is annually increasing.

3239—Gold Standard—(See colored price sheet following page 48)

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



KENTUCKY BLUE



CANADIAN BLUE



RED TOP

Canadian Blue (*Poa compressa*)

Very similar to Kentucky Blue, but grows coarser and the stem is more flattened. It can be grown on poor soils where Kentucky would not thrive; even on hard clay soils it will produce a luxuriant growth. Grows about two feet high. Makes exceptionally fine hay, greatly relished by stock of all kinds.

We do not recommend it for general use, like Brome, Western Ryegrass or Timothy; like Kentucky it is essential that the seed bed be more carefully prepared than is necessary for coarser grasses.

3251—Gold Standard (See colored price sheet following page 48)

McKenzie's

"O.K." Pasture Mixture

This specially prepared mixture is the outcome of many years practical observation and will bring quick and certain results. It is composed of the most nutritive and productive species of Grasses suitable for laying down land to permanent grass, and the quantity of each species carefully regulated with the object of forming pastures that will yield in the shortest time after being laid down (and without any subsequent deterioration) the heaviest crops during the whole of each growing season. It thrives under the most severe climatic conditions and will withstand the ravages of both weather and stock. This mixture makes a crop of hay that is hard to excel.

3236—Gold Standard—(See colored price sheet following page 48)

Meadow Fescue or English Blue

(*Festuca pratensis*)

Specially recommended for permanent pasture. It makes excellent hay, the leaves or herbage being succulent and tender. One of the most valuable grasses either for mowing or pasture, as it is very productive and the fodder good. Roots penetrate deeply. It withstands freezing very effectively.

3242—Gold Standard—(See colored price sheet following page 48)

Hard Fescue (*Festuca duriuscula*)

Adapted to a great variety of soils but is most prevalent in those that are light and sandy. It possesses the quality of withstanding, in an exceptional degree, drought in summer and severe cold in winter.

3238—Gold Standard—(See colored price sheet following page 48)

Wood Meadow (*Poa nemoralis*)

Starts into growth early in the spring, the sward maintaining its green appearance until late in the year. Of dwarf and very fine growth.

3240—Gold Standard—(See colored price sheet following page 48)

Millet

One of the best crops for immediate planting on new land on first breaking. Unless the sod is very stiff the crop can be sown soon after the former is turned over.

The varieties of Millets offered by us might be most aptly described as catch crops. An excellent hay crop can be harvested by sowing Millets later in the season than it would be desirable to sow grasses like Timothy, Brome or Western Rye grass. They can also be depended upon to produce a crop under exceptionally dry conditions. Well adapted for seeding on land, which for one reason or another could not conveniently be sown until almost too late for other crops or for re-seeding where an earlier sown crop has failed. We place such importance on this crop for the West that we have published a special booklet, entitled, "Millets, and why they should be grown," which is free to customers on request. The value of Millet is becoming more and more appreciated as is evidenced by the immensely increased sale of the seed.

Common or White

The Most Popular Variety

3232—Common Millet is exceptionally sweet and palatable and yields enormous crops of hay—from 4 to 5 tons per acre. It thrives on almost any soil, attains the height of four to five feet and will produce on an average 60 to 80 bushels of first-class seed per acre. All farmers should reserve a few acres as a safeguard against total or partial failure of the hay crop. All kinds of stock readily relish and eat ravenously of this grass, and the richness of the flavor makes it a most desirable sort for dairymen to grow. The seed we offer is known as the Western Bighead, recognized as the finest type of this variety of Millet.

(See colored price sheet following page 48.)

Golden

3231—One of the earliest of the Foxtail Millets which reproduces itself freely from seed and at the same time retains character growth and uniformity of type. The seeds are small and of a golden or yellow color. Grows single stems or few in number from each root. Produces abundance of first-class seed.

(See colored price sheet following page 48)

Hog

3235—Known also under the name of "Broom Corn" Millet. Grown particularly for Hog feed and is also in great demand by poultry farmers. Although the Hay will make good green fodder, it is inferior to other Millets for this purpose. The kernels are larger than the seed of other Millets.

(See colored price sheet following page 48)

Hungarian Millet—The growing of this seed has practically been given up, Common and Golden taking its place.

Japanese

3233—Incorrectly termed "Billion Dollar Grass" and "Barnyard Millet." Stands before all other varieties of Millet on account of its enormous yields of Hay which probably explains its being referred to as "Billion Dollar Grass." Strange to say it has not received as much attention as Common or Hungarian. It is very difficult to obtain this variety entirely free from Ragweed.

(See colored price sheet following page 48)

Siberian

3234—A native of Russia which came into popular favor in this country very quickly after its introduction a few years ago. Extremely hardy—very heavy yielder, and is generally considered a good sort.

(See colored price sheet following page 48)

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



COMMON MILLET

Sudan Grass

A Great Drought-Resistant Hay Crop

3280—We were the first to introduce this grass to Canada, it being offered in our catalog in 1916. From the very outset it has proved a decided acquisition, and our wisdom in recommending it has been fully justified. Our sales have increased by leaps and bounds, in fact although we have made a practice of substantially increasing our stocks year by year, as the expected demand seemed to warrant, we have invariably found that the demand exceeded the supply. This year we have the largest and best stock we have ever had, nevertheless we advise early ordering to avoid disappointment. Sudan Grass was first introduced to the American continent in 1909, being brought from Egypt, that ancient agricultural centre of the old world. It created quite a furore in the Southern States, where it thrives exceptionally well, giving three and sometimes four heavy crops per year, and being a strong competitor with other Sorghums to which class it belongs. Sudan is a tall annual grass, growing to a height of about 5 feet, easily cured and handled as a hay crop. It is eaten readily by all kinds of stock, and it can be safely fed to working animals without any harmful effects following.

It should not be sown till late, after all danger from late frosts is past. It seems to do best when the seed bed has been packed moderately firm. Should be sown at the rate of 20 pounds per acre.

It matures very rapidly, and will produce a heavy crop even under very dry conditions; for hay it should be cut just as the flower head forms, as at that period, it possesses the highest feeding value.

It is equally useful for pasture or hay, and, in a favorable season, may be used for both purposes.

(See colored price sheet following page 48)



SUDAN GRASS

McKenzie's High Grade Clover Seeds

Sweet Clover (Melilotus alba) White Blossom

In agricultural circles a decided change has taken place during the past few years in regard to White Blossom Sweet Clover. While a few years ago there were some who advocated its use, more or less enthusiastically, there were many who were opposed to it, and various reasons were put forward in support of their opposition. It has outlived this opposition and is now regarded as one of the best forage plants for the West, useful alike for hay or pasture. It is not really a clover, but is more closely related botanically to Alfalfa; in fact, it has sometimes been referred to as Alfalfa's twin sister.

It will grow and produce a valuable crop under what would appear to be most unsuitable conditions, and it has been found that Alfalfa can be grown after Sweet Clover, where previous attempts were unsuccessful. It would appear, therefore, that the growing of Sweet Clover inoculates the soil, and in this way prepares the way for successfully growing Alfalfa. Being a biennial, it can be easily got rid of, and in consequence is well adapted as a fore-runner of Alfalfa. As a renovator of worn out land Sweet Clover is of considerable value apart altogether from its cropping qualities, and food value.

3273 See colored price sheet following page 48

Common Red (Trifolium pratense) A Dependable all round variety

The advantages of sowing Clovers, either alone or in combination with grasses like Western Rye, Timothy or Kentucky Blue, are becoming more and more appreciated, and as the country becomes settled and land values increase this will be extended. The need for hay and pasture and the maintaining of the fertility of the soil so as to produce maximum crops will demand this. Northern grown Common Red Clover is without doubt the best plant you can use for all round purposes along this line. We feel it is desirable to emphasize the necessity of using hardy northern-grown seed, as nothing else can be depended upon to succeed. Good clean, high germinating southern grown seed can be sold at much cheaper prices than seed produced in the north, but it has not the vigor, vitality or constitution to succeed in our rigorous climate. To ensure success and satisfaction it is absolutely necessary to sow northern-grown seed.

3259—GOLD STANDARD } See colored price sheet following page 48
3260—GILT EDGE }

Mammoth Red (Trifolium pratense)

As its name implies, it grows larger than Common. It is also later in coming to maturity, and for this reason is sometimes preferred for sowing in combination with Timothy, as it ripens about the same time.

Valuable for pasture, does well on light sandy soils. Excellent soiling crop, when plowed in, not only restoring nitrogen, but also humus to the soil.

3270—GOLD STANDARD See colored price sheet following page 48

White or Dutch (Trifolium repens)

The most valuable clover for pasture purposes. Will stand continuous grazing better than any other variety. It is of a low growing, spreading habit, and is not well adapted for hay, but should be included in all pasture mixtures. Two or three pounds of seed scattered over the bare spots in a pasture that is getting thin, will greatly improve its condition very quickly, and the improvement will be of a lasting nature. On account of its deep-rooting habit, it will thrive under dry conditions, and is exceptionally hardy.

3261—GOLD STANDARD } See colored price list on
3272—GILT EDGE } page 48.

Alsike or Swedish (Trifolium hybridum)

Perhaps the feature which distinguishes Alsike most from other varieties is its adaptability to succeed in heavy, wet land. Even where there is a trace of acidity in the soil where other clovers would not grow, Alsike will produce a crop. It should be included in all mixtures sown on reclaimed sloughs, even if occasionally covered with water, provided it is not submerged too long. Valuable alike for hay or pasture, very rarely winter-killed. A mixture of Alsike, Common Red and Timothy, yields an excellent hay crop.

3275—GOLD STANDARD } See colored price sheet
3276—GILT EDGE } page 48.

PHOTOGRAPHED BY
A. E. MCKENZIE CO.,
LTD.



SWEET CLOVER

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.



CROP OF COMMON RED CLOVER



ALFALFA STOCK No. 3253

Stock No. 3253 (Medicago sativa)

This is the popular variety in Western Canada, giving uniformly good results. Grows very rapidly as soon as the weather is favorable, and, being a tall grower, it provides an exceptionally heavy tonnage per acre. The hay is of good quality, and easily cured. Some of the finest fields of Alfalfa in the West have been produced from this stock. We would suggest the advisability of sowing part of the area you intend seeding with some of this variety and the balance with either Montana, Liscomb or Grimm. The seed is extra choice, clean, very plump, uniform bright color, grading Canadian Government Standard No. 1.

(See colored price sheet following page 48)

Turkestan (Medicago sativa)

3255—This is an imported stock of Alfalfa, grown in a high altitude in Turkestan. The climate there is in many respects similar to ours. They experience the same extremes of heat and cold. The seed of Turkestan, as imported, is quite distinct from other varieties, being covered with a dull "sheen" or "bloom" and in this way the genuine stock can be readily distinguished. This variety has been very largely used, both in Western Canada, and in the Northern States, in fact millions of pounds are imported annually. During the war it was very difficult to procure, but since hostilities have ceased supplies of good quality are coming forward. We have stocks of very nice plump seed. It should be borne in mind that samples of genuine Imported Turkestan, are not as a rule so pleasing to the eye, nor do they usually grade as high as American grown seed.

(See colored price sheet following page 48)

McKenzie's

Alfalfa - Growing in Western Canada

Wonderfully prolific and valuable crops of Alfalfa were reported in 1919 from many different sections in the west, and has resulted in a revival of interest in this useful plant.

The high prices obtained for grain, and the urgent need of the maximum production of all cereals, temporarily diverted, to some extent at least, the attention of farmers from the consideration of the high and permanent value of Alfalfa. The illustrations on this page and on page 57 give a fair idea of the top growth and root system respectively of this useful plant. Alfalfa provides abundant hay or pasture; as high as seven tons of hay have been produced on one acre, and of the highest possible feed value, demonstrated both by chemical analysis and practical experiments.

The root system of Alfalfa represents one of nature's most marvellous phenomena. The illustration on page 57 naturally only gives a suggestive idea of how this root system really develops, as in the removal from the soil, the smaller roots and the nodules containing the nitrogen-gathering bacteria were left in the soil. The deep penetrating habit of the root enables the plant when once established to withstand periods of drought, and combined with the action of the nitrogen-gathering bacteria, constitutes one of the most effective fertilizing and soil-building factors, providing plant food, in the most readily available form.

Montana (Medicago sativa)

3323—In reality there is no type or variety of Alfalfa known as "Montana." For the want of a better designation the word "Montana" is used to indicate where a particular stock is grown. This is an exceptionally fine stock of the tall-growing blue-flowered type of Alfalfa grown in northern Montana. Subject to rigorous climatic conditions, identical to those experienced in Western Canada it possesses exceptional hardiness and a vigorous constitution. Our opinion is that it is really the best all round variety. For hay production, it certainly is away ahead of the variegated types, as, owing to its taller habit of growth, it yields a much heavier tonnage per acre. Montana-grown seed is very scarce, as last season's crop suffered a very severe drought, and in consequence crops were exceedingly light. The seed we offer is plump and clean, grading Canadian Government Standard No. 1. Early ordering is recommended.

(See colored price sheet following page 48)

Cossack or Siberian

3321—This variety belongs to the variegated type. Unlike Grimm and Liscomb it is of a tall-growing habit. The original plants were discovered by Prof. Hansen, being found growing wild on the Siberian plains. This, without further comment, ensures its hardy constitution. Not only is Cossack exceptionally hardy, but it has proven to be one of the most prolific growers under dry conditions. Precipitation of a very limited nature will ensure a good hay crop.

(See colored price sheet following page 48)

Hardy Alfalfa Seed

Liscomb (*Medicago media*)

Variegated

3320—Year by year since we introduced this variety in 1916 it has grown in popularity, and has constituted its own best recommendation. Continued observation has afforded evidence that if, not quite the same, it is at least closely allied to the well known Grimm variety. Of one thing there is no doubt, and that is it is equally as hardy.

For the benefit of those who have no previous knowledge of this excellent strain, it may not be out of place to repeat its history, our discovery of same, and the reasons which actuated us to introduce it to Western Canada. The strain takes its name from the Ranch in Montana, where it has been grown continuously for the last 35 years, the original seed stock coming from Europe. The number of years in which it has been growing is conclusive evidence of its hardy nature. We came across it in an inspection trip covering the Northern States in 1915. We were much impressed with it, and in view of the fact that the climatic conditions experienced in the district where it originated were so similar to those prevailing in Western Canada, we decided to introduce it, securing for the purpose well-ripened plump seed of exceptional purity and vitality.

Results have amply justified our action. We continue to obtain our seed from the original source. Good clean seed is somewhat limited, and early ordering is desirable.

(See colored price sheet following page 48.)

Grimm (*Medicago media*)

Variegated

3257—No variety of Alfalfa has been so much lauded nor so constantly recommended as being the only variety suited to the climatic extremes experienced in Northern sections of Western Canada. It was introduced to this continent by a settler named Grimm, who settled in the State of Minnesota.

He brought the seed of Alfalfa or Lucerne, as it is called in Europe, with him, and in due course, sowed it on his farm. It showed such exceptionally vigorous and hardy characteristics that it soon began to be talked about in the State of Minnesota and the Northern States adjoining, becoming universally known as "Grimm's Alfalfa." It should be borne in mind that, at this time, hardy northern grown stocks of the blue flowered, taller growing species of Alfalfa were not available, as they are now.

The seed of Grimm's, so far as appearance is concerned, cannot be distinguished from any other variety. We buy our stocks only from sources that ensure beyond dispute that the seed we are obtaining is genuine Grimm's. When buying from us you are amply protected in this respect.

The supply of genuine Northern-grown seed available is limited, and growers demand a premium; consequently seed of Grimm will always be higher in price than other varieties.

(See colored price sheet following page 48)

Value of Inoculating

That inoculating the land on which it is intended to seed Alfalfa for the first time is beneficial, is now regarded as beyond dispute. There are three distinct ways of accomplishing this: (1) Scattering over the field soil taken from a field on which Alfalfa has been grown. (2) Sowing Sweet Clover, and after two years, plough it under. (3) Inoculate the seed, just prior to sowing, with a good bacteria culture preparation. It will be readily seen that the last suggested method is the simplest, and if proper cultures are used, it is not less effective than either of the other two.

Inoculating Bacteria

Price one bottle **\$1.00**, 5 bottles **\$4.50**, postpaid

The cultures distributed by us for the past two years have proven very satisfactory. We have them prepared in the Laboratory, just as we require them; consequently they are always fresh. This is a most important factor.

The cultures are put up in wide-mouthed bottles, each containing sufficient for 60 lbs. of seed. No harm will result if it is all used on a less quantity.

As all Legume crops benefit by inoculation, we are prepared to supply cultures for the following:—Alfalfa, Clovers, Beans, Vetches, Peas. When ordering state what legume you desire to inoculate.

Grow Alfalfa



SHOWING STRONG ROOT SYSTEM OF ALFALFA



McKenzie's Flower Seeds

Beautify Western Homes : Make the Garden Gay



The above pictures were taken in a Manitoba garden. They are suggestive surroundings of what many a farm home might be like. Flowers amply repay the small investment incident to their cultivation. They should not be considered a luxury but a necessity, if we aim at making our homes a source of wholesome influence for the betterment of ourselves and that of the rising generation.

Showy Flowers for Backgrounds and Borders

Achillea	Linum
Antirrhinum	Lychnis
Anthemis	Malope
Aquilegia	Marvel of Peru
Arctotis	Nicotiana
Campanula	Nigella
Canterbury Bell	Oenothera
Carnation	Pentstemon
Celosia	Platycodon
Centaurea	Ricinus
Chrysanthemum	Rudbeckia
Coreopsis	Salpiglossis
Delphinium	Scabiosa
Dimorphotheca	Schizanthus
Gaillardia	Silene
Helianthus	Statice
(Sunflower)	Stocks
Hollyhock	Stokesia
Kaulfussia	Sweet Sultan
Kochia	Sweet William
Larkspur	Veronica
Lathyrus latifolius	Vinca
Lupinus	

Flowers for Bouquets

Asparagus	Carnation
Asperula	Cosmos
Aster	Gypsophila
Chrysanthemum	Honesty
maximum	Nigella
Chrysanthemum	Ornamental Grasses
New Perennial	Schizanthus

Plants for Hanging Baskets, Vases, Verandah Boxes, etc.

Asparagus Sprengeri	Heliotrope
Abronia umbellata	Lobelia Tenuior
Convolvulus	Nasturtium Dwarf
Mauritanicus	Schizanthus
Geranium	Thunbergia

The undernoted tables show the varieties suitable for special purposes. Annuals grow from seed, bloom and die the first season. They give best results if started in shallow boxes about four weeks before time for outdoor transplanting. Biennials bloom the second season, then die. Perennials bloom the second season and continue to grow and bloom for many years. Upon every packet of seed we supply will be found full cultural instructions.

Abbreviations—The initials bear the following significations:

H.A.—Hardy Annuals. H.H.P.—Half Hardy Perennials. H.H.A.—Half Hardy Annuals. H.C.—Hardy Climbers. H.B.—Hardy Biennials. H.H.C.—Half Hardy Climbers. H.P.—Hardy Perennials. G.P.—Greenhouse Plants

Climbing Plants

Balloon Vine	Momordica Balsamina
Canary Bird	Nasturtium Tall
Coboea Scandens	Nasturtium Lobbianum
Convolvulus major	Sweet Peas
(Morning Glory)	Thunbergia
Dolichos	Wild Cucumber
Humulus	

Flowers for Potting

Abutilon	Cyclamen
Asparagus	Fuchsia
Begonia	Geranium
Calceolaria	Gerbera
Carnation	Primula
Cineraria	Solanum
Coleus	

Showy Flowers for Beds and Massing

Aster	Marigold
Calliopsis	Nasturtium Dwarf
Calendula	Nemesia
Dahlia	Petunia
Dianthus (Pinks)	Phlox
Eschscholtzia	Poppy
Gaillardia	Pyrethrum hybridum
Godetia	Verbena
Hunnemannia	Virginian Stock
Mignonette	Zinnia

Flowers for Cutting, Suitable for House Decorations

Achillea	Larkspur
Anthemis	Marigold
Aquilegia	Mignonette
Arctotis	Nasturtium
Argemone	Ornamental Grasses
Asters	Pansy
Calliopsis	Pentstemon
Campanula	Platycodon
Centaurea	Pyrethrum hybridum
Chrysanthemum	Rudbeckia
Cosmos	Scabiosa
Dahlia	Schizanthus
Delphinium	Statice
Dianthus	Stevia
Dimorphotheca	Stocks
Eschscholtzia	Stokesia
Gaillardia	Sweet Peas
Helianthus (Sunflower)	Zinnia
Hunnemannia	

Flowers for Cemetery

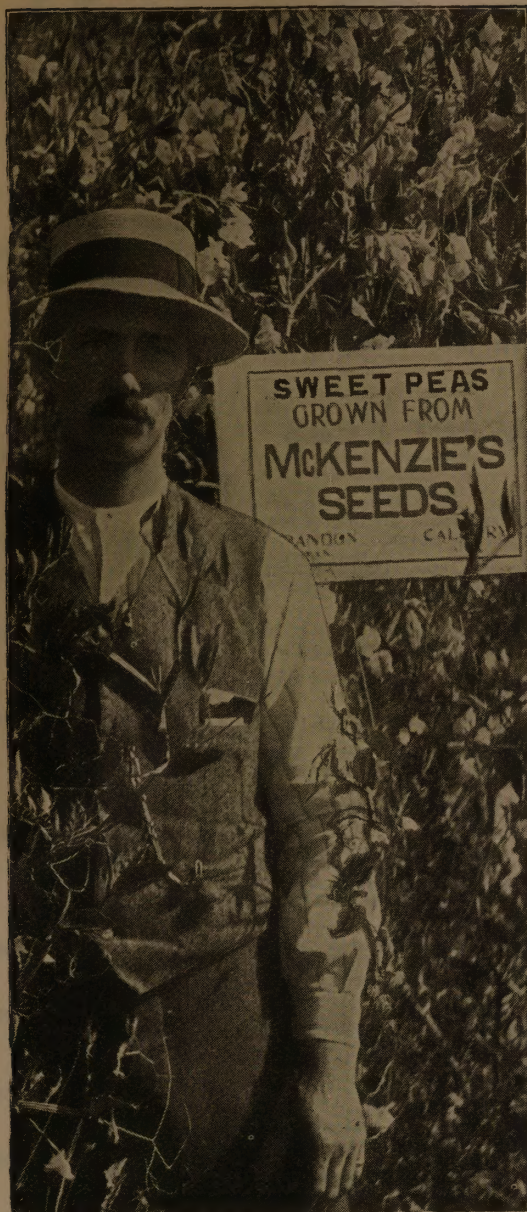
Alyssum	Candytuft Empress
Aster, white	Chrysanthemum New
Bellis perennis Mam-	Perennial
moth White	Geranium
Campanula persicifolia	Pansy
alba Backhousiana	Phlox, white
Chrysanthemum	Stocks 10 weeks, white
maximum	Vinca alba

Flowers for Edging

Ageratum	Marigold, Legion of
Alyssum	Honor
Arabis Alpina	Pansy
Bellis perennis	Portulaca
Forget-me-not	Pyrethrum aureum
(Myosotis)	Verbena erinoides
Lobelia	

Flowers for Wreaths and Winter Bouquets

Rhodanthe	Acroclinium
Xeranthemum	Helichrysum



McKenzie's Sweet Peas

While the demand for named varieties of Sweet Peas to be grown separately is rapidly increasing, growing them in mixture is still the popular method, and for the average grower mixed colors has much to commend it. To obtain best results a good mixture containing well-balanced proportions of the finest colors should be used. We recommend our mixtures with confidence, believing that they are the best that money can buy.

McKenzie's Giant Spencers Mixed

3060—Absolutely the Grandest Mixture ever offered. There are many who wish to obtain a continuous and varied supply of bloom who find it somewhat expensive to purchase all the named varieties of their own choice, and it is to these customers McKenzie's Mixed Spencers will appeal. The colorings are artistically charming, ranging from daintiest white, purest and most delicate pinks, to beautiful crimson and darkest maroon. The immense size, exquisite color and grotesque shapes, combined with their exceptional hardness make their culture a delightful pastime. Pkt. 10c, oz. 35c, 1/4 lb. \$1.00, 1/2 lb. \$1.75, lb. \$3.00. Postpaid.

McKenzie's Prize Mixed Grandifloras

2988—Next to the Spencers, we point with pride to these majestic beauties. The flowers are immense, beautiful and striking, with a richness of unmatched effect.

The large round open flowers are fine for cutting. Like the Spencer Sweet Peas, the Grandiflora types are being continually improved, more perfectly developed and new tints produced. Delicately sweet scented, with a wonderfully deep rich range of color. Of a strong, vigorous growth, they bloom continuously until late fall, withstanding considerable frost. Pkt. 10c, oz. 25c, 1/4 lb. 60c, 1/2 lb. \$1.00, lb. \$1.75. Postpaid.

Points About Growing Sweet Peas

1. Sow the seed in a double row from four to six inches apart. About 14 seeds will suffice per yard double row.
2. Sow the seeds in suitable soil in a sunny situation. They do best on a free, deep loam, well cultivated.
3. Plant not less than two inches deep and draw the soil up to the plants when they are about three inches high.
4. Sweet peas need plenty of room, so don't crowd them when sowing the seed. Most people sow twenty seeds where ten would give better results.
5. Remember, the more you cut the more they will bloom. Don't allow them to go to seed—keep on cutting

Laura Bell Superb Mixed

2993—This strain of improved large flowering Sweet Peas is composed of the highest types of named sorts, with a beautiful range of colors mixed to a perfect blend, many of them the newest and best hybrids, remarkable for their beauty, size, form and sweetness. Pkt. 10c, oz. 20c, 1/4 lb. 45c, 1/2 lb. 85c, lb. \$1.60. Postpaid.

Eckford's Hybrids Mixed

2998—This mixture of international reputation is composed of the largest flowered Grandiflora type of Sweet Peas, and an immensely wide range of magnificent colors in well-balanced proportions. Pkt. 10c, oz. 20c, 1/4 lb. 35c, 1/2 lb. 65c, lb. \$1.25. Postpaid.

Grouping of Colors

GIANT SPENCER, or "BUTTERFLY" Sweet Peas.

Grouped according to color. For description and further information see pages 60 and 61.

Carmine, Rose and Scarlet. Apple Blossom, George Herbert, John Ingman, King Edward, Marie Corelli, Fiery Cross, Paradise Red Flake, Queen Alexandra, Ruby, Edith Taylor, Old Rose, Red Isobel, Rosabelle, Vermilion Brilliant, Crimson Queen.

Striped and Flaked. Aurora, Gaiety, Mrs. Jos. Chamberlain, Senator.

Maroon, Magenta and Mauve. Afterglow, Black Knight, Mrs. Chas. Mander, Nubian, Warrior, King Manoel.

Picotee Edge. Evelyn Hemus, Jean Ireland.

White. White, King White, Norvic, Constance Hinton.

Pink. Countess, Duplex, Florence Morse, Paradise, Hercules, Margaret Atlee, New Miriam Beaver, Henrietta.

Lavender and Blue. Asta Ohn, Flora Norton, Margaret Fife, Victory, Alfred Watkins, Helen Pierce, Lord Nelson, Wedgewood, R. F. Felton.

White, Edged Pink. Dainty, Mrs. Hardcastle Sykes, Martha Washington.

Orange, Primrose and Buff. Helen Lewis, Mrs. Routzahn, Primrose, May Campbell, Hilary Christie, Dobbie's Cream, Jessie Cuthbertson, Barbara, Illuminator, Robert Sydenham, Cis Wright.

Purple. Royal Purple.

Grows to Perfection in the West.
Becoming More Popular Every
Year

Sweet Peas—

Flowers, like many other luxuries, have periods when they are in the fashion, and history records many instances where a condition bordering on frenzy existed among devotees of the particular flower, that for the time being, held sway. Fabulous sums have been paid for rare novelties. Many years ago, even Real Estate was bartered for the possession of coveted varieties of rare Tulips. Camellias, Dahlias, Pansies, Narcissus, Carnations and others have had their "day"—while still more or less popular, nevertheless, they now occupy a place of secondary importance so far as the fashionable horticultural world is concerned. The Sweet Pea has a unique record. Lovers of this flower, while giving it pride of place in their affections, have acted sanely, and in consequence, the Sweet Pea enjoys greater popularity as the years go by.

Giant Spencer or Butterfly Sweet Peas

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



KING WHITE

Sweet Peas are one of the best flowers for Table Decorations, their long stems rendering them very adaptable for this purpose used in conjunction with Gypsophila it makes a tasteful display.

	Pkt.	Postpaid Oz.	1/4 lb.
3044—AFTERGLOW. A fascinating color difficult to describe, standard is bright violet with a shading of rosy amethyst, wings more of an electric blue.....	.10	.35	\$1.00
3000—ALFRED WATKINS. A pure, clear, clean lavender. Distinct. Raised by one of the leading Sweet Pea Growers and is in great demand.....	.10	.35	1.00
3029—APPLE BLOSSOM. Carmine rose with creamy blush wings, extra large. Usually four flowers to a stalk..	.10	.35	1.00
3039—ASTA OHN. A lovely soft lavender, suffused with pink, flowers deeply fluted, very free flowering.....	.10	.35	1.00
3056—AURORA. Deep salmon flake on white ground....	.10	.35	1.00
3053—BARBARA. A large salmon orange self. Very similar to Melba. Beautiful color when grown well..	.15	.60	1.75
3045—BLACK KNIGHT. A charming variety of large form and intense deep maroon coloring, fine wavy standard and wings. The best dark variety.....	.10	.35	1.00
2995—CIS WRIGHT. In general appearance this striking novelty is blush lilac. It produces a peculiar bronze pink color on cream ground. Will soon become a popular favorite.....	.15	.60	1.75
2996—CONSTANCE HINTON. A black seeded white Spencer of enormous size and fine form. Under some conditions the flowers sometimes show considerable pink.....	.10	.35	1.00
3021—COUNTESS. The first Spencer variety introduced, and still regarded as one of the best. Indispensable in a collection. Flowers produced usually four to a stem, color, a charming soft pink, becoming darker towards the fringe of the petals.....	.10	.35	1.00
2994—CRIMSON QUEEN. A very distinct and striking flower. Throws large blooms mostly in fours. Color a rich crimson. Perfect Spencer shape.....	.15	.60	1.75
3008—DAINTY. A charming white flower, edged pink, quite distinct.....	.10	.35	1.00
3043—DOBBIE'S CREAM. A very popular, fine large primrose Sweet Pea. Highly recommended.....	.10	.35	1.00
3022—DUPLEX. A distinctly new class with large wavy flowers, standard and wings a rich creamy pink. Each stem has sprays of usually four flowers, and frequently the two bottom flowers are of double formation.....	.10	.35	1.00
3350—EDITH TAYLOR. One of the best Spencer types. A soft salmon rose self. Produces flowers of largest size. Very consistent in shading on both standard and wings. A distinct and beautiful variety which will undoubtedly become a standard for the West....	.10	.35	1.00
3052—EVELYN HEMUS. A charming Picotee edged variety, the pink edging showing up distinctly on a buff ground. Flowers usually in fours.....	.10	.35	1.00
3002—FIERY CROSS. A scorching fire red, without any shading, which scintillates and glitters in the bright sunlight, thus adding a glowing, fire-like sheen, which radiates over the flower. Produces beautifully waved and fluted flowers.....	.15	.60	1.75
3041—FLORA NORTON. An attractive shade of clear light blue, slightly tinged with purple. Standard large and beautifully waved.....	.10	.35	1.00
3023—FLORENCE MORSE. A delicate blush with a deeper suffusion of pink towards the edges. Flowers are produced on stiff wavy stems and particularly uniform.	.10	.35	1.00
3057—GAIETY. Light magenta rose, striped, on ivory white ground. Beautifully ruffled or crinkled.....	.10	.35	1.00
3035—GEORGE HERBERT. A large carmine rose of excellent shape with deep rose wings.....	.10	.35	1.00
3014—HELEN LEWIS. A distinct variety with a large, broad, wavy orange standard and rosy-orange wings. One of the best of the Spencers.....	.10	.35	1.00
3054—HELEN PIERCE. Is most fascinating. Our strain is the best. It is a bright blue, overlaid and marbled on ivory white.....	.10	.35	1.00

Queen of Annuals

Ask for our free pamphlet.
"Sweet Peas and their
Culture."

It is surprising to find that growers of new varieties are hopeful of introducing gems that will still further enhance the value, and leave the Sweet Pea in undisputed possession of the title, "The most popular flower in the world."

Interest in the growing of named varieties in separate colors is rapidly increasing, for this reason we have arranged our named sorts in alphabetical order, and, for the convenience of those who want to quickly select varieties of particular colors, we have also grouped them according to their color classification. See page 59.

Giant Spencers or Butterfly—Continued

	Postpaid				Postpaid		
	Pkt.	Oz.	1/4 lb.		Pkt.	Oz.	1/4 lb.
2991—HENRIETTA. A large duplexed cream pink, excelling any other of its type. Raiser was many years perfecting this strain.....	.10	.35	1.00	3015—MRS. ROUTZAHN. Flowers are of the largest form and beautifully waved and crimped. Buff or apricot color, suffused with delicate pink, deepening towards the edges.....	.10	.35	1.00
3038—HERCULES. A choice sort of the later introductions, well deserving the attention it has aroused. Grows flowers of great size and substance—color pale rosy pink.....	.10	.35	1.00	3006—NORVIC. One of the largest flowers and best strains of White Spencer Sweet Peas yet introduced. Very large blooms, exceptionally well waved. Quite fixed in character.....	.15	.45	1.40
3027—HILARY CHRISTIE. A delightful flower of exquisite form, grows a good size. Excellent for decoration. Color salmon-orange with edge of fiery orange scarlet, wings rosy salmon.....	.10	.35	1.00	3026—NEW MIRIAM BEAVER. One of the greatest acquisitions to the already long list of colors. It is a bright apricot pink on a primrose ground, deeper at the margins and a pure primrose at the base. Perfect Spencer shape. Four blossoms to the stem.....	.15	.45	1.40
2989—ILLUMINATOR. A glorious orange salmon. In sunshine or under artificial light, the color is bright salmon cerise, sparkling with orange. Very fine.....	.15	.45	.40	3048—NUBIAN. Maroon or deep chocolate colored self. A magnificent flower of exquisite form, large size and great substance.....	.15	.45	1.40
3355—JEAN IRELAND. An improvement on Mrs. C. W. Breadmore. Beautiful cream colored edged with deep pink. This variety possesses marked character which, if maintained under cultivation, will make it the premier picotee cream.....	.15	.45	1.40	3353—OLD ROSE. A Rose du Barri Spencer. Growers original stock, produces dark colored vines, but some have light colored vines. It is an improved form of that well-known variety "Decorator." Awarded a certificate of merit by the National Sweet Pea Society.....	.15	.60	1.75
3055—JESSIE CUTHBERTSON. One of the most attractive and striking Spencer Sweet Peas. It is a primrose ground, well marked with crimson pink stripes, blotches and flakes. The general effect is one of golden rose.....	.15	.45	1.40	3036—PARADISE RED FLAKE. A bright red flake on white ground. Very attractive.....	.10	.35	1.00
3030—JOHN INGMAN. A bright carmine rose with deep rose wings, beautifully fluted, of large size and excellent form.....	.10	.35	1.00	3024—PARADISE. Similar to Countess, but deeper in shade.....	.10	.35	1.00
3031—KING EDWARD. A deep rich carmine scarlet of glossy effect retaining its colors well. Flowers freely and one of the very best.....	.10	.35	1.00	3016—PRIMROSE. Deep primrose or creamy yellow, of large size, frequently producing four flowers to a stem.....	.10	.35	1.00
3028—KING MANOEL. One of the best of its type producing very large flowers of a rich, deep maroon color—an excellent variety..	.15	.45	1.40	3033—QUEEN ALEXANDRA. One of the best of the intense bright scarlet selfs. Charmingly waved and fluted.....	.10	.35	1.00
3004—KING WHITE. This strain exceeds any of the previous whites in size, shape and beauty. Awarded certificate of merit by Royal Horticultural Society, England....	.15	.45	1.40	3012—RED ISOBEL. A seedling from "Isobel Malcolm" x "Red Star." It has the vigor of the former, and its characteristic four-stemmed sprays. The color is strikingly brilliant, and absolutely sunproof.....	.20		
3005—LORD NELSON. Of rich, deep, navy blue color. An excellent variety destined to become very popular.....	.15	.45	1.40	3359—R. F. FELTON. One of the best lavender Spencers. It is a mauve toned lavender resembling Asta Ohn in color, but much larger and finer.....	.15	.45	1.40
3025—MARGARET ATLEE—Conceded the largest and finest Sweet Pea yet introduced. Rich, rosy, salmon-pink on creamy buff..	.15	.45	1.40	3037—ROBERT SYDENHAM. A glowing orange salmon self, an exceptionally strong grower producing four flowers on a stem. The best and largest of this shade of color.....	.15	.45	1.40
3351—MARGARET FIFE. The introducer describes this variety as "A bright Aubretia blue." Very similar to Wedgewood Spencer but a clearer blue. One of the most charming Sweet Peas ever raised.....	.15	.60	1.75	3360—ROSABELLE. Bright rose, waved. Grows flowers of great form and size. One of the best for exhibition.....	.15	.45	1.40
3032—MARIE CORELLI. A rich rosy carmine with large wavy standards; the wings are very full. Quite distinct. Usually bears four flowers to a stem and all are large and perfect shape.....	.10	.35	1.00	3050—ROYAL PURPLE. The same shade does not exist in the Grandiflora types of Sweet Peas. It is a true Spencer type and the color is a rich royal purple. We advise every lover of the beautiful in sweet peas to grow this.....	.15	.45	1.40
3010—MARTHA WASHINGTON. The color is pure white, while the edges are picoteed with a deep rose, which gives a most charming effect.....	.10	.35	1.00	3034—RUBY. The wings and standards are handsomely veined and curled. The immense flowers are a glorious deep ruby scarlet color.....	.10	.35	1.00
3352—MAY CAMPBELL. A very nice type of Primrose color marbled with light carmine pink. One of the most beautiful Sweet Peas of the flaked and striped class. Grows a bold and handsome standard.....	.15	.45	1.40	3059—SENATOR. The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Flowers are of gigantic proportions.....	.10	.35	1.00
3046—MRS. CHAS. MANDER. A dark magenta colored self, wings plum color. Flowers abundantly and of excellent form..	.10	.35	1.00	3362—VERMILION BRILLIANT. One of the best scarlet Spencers. A vigorous grower producing flowers of good form and a good number of four-bloomed sprays.....	.15	.45	1.40
3009—MRS. HARDCASTLE SYKES. Daintily tinted and edged with pink on a blush ground, fine form.....	.10	.35	1.00	3354—WARRIOR. Introduced by that well known English grower, Mr. J. Stevenson. Will undoubtedly lead in the Maroon color—in fact growers report it has already a preferred demand. Similar to "Nubian" and "King Manoel," but better and more up-to-date than either.....	.15	.45	1.40
3058—MRS. JOSEPH CHAMBERLAIN. Heavily flaked and splashed with bright rose on white ground. A fine, large waved variety..	.10	.35	1.00	3049—WEDGEWOOD. A beautiful Wedgewood blue. One of the most exquisite Sweet Peas ever introduced.....	.15	.45	1.40
				3003—WHITE. The best of the pure white waved flowers, of a truly gigantic size, produced in great profusion.....	.10	.35	1.00

Sweet Peas—

Early Flowering Long Season Spencers

This new race of the Spencer family of Sweet Peas has been found to bloom from three to four weeks earlier than the other type of Spencer. It would seem as though it will only be a matter of time when they will, to a large extent, supercede. At the present time the varieties and range of color is somewhat limited. A good deal of excellent work is being done by specialists. We expect, very soon, it will be possible to get almost any color in this race that can be had in the ordinary type. We would strongly recommend Sweet Pea lovers to give this new race a trial, feeling sure that they will be well pleased. They are now beyond what might be termed the experimental stage. It has been demonstrated that they are a distinct improvement. To have the period of flowering extended four weeks is, in itself, worth a good deal. Four weeks just gives them a chance to be well developed before the excessive heat, ordinarily experienced in July, effects them, which, as most growers of this beautiful plant are aware, is one of the drawbacks to producing flowers of that superb excellence which is so common in the old land.

- 3371—BRIDAL VEIL.** A fine white of superb form and quality. Flowers borne in threes and fours on long stems. Pkt. 15c. oz. 60c.
- 3373—FORDHOOK ROSE.** A good bright carmine, very floriferous. Pkt. 15c. oz. 60c.
- 3376—LIBERTY.** Bright crimson waved, very similar to King Edward Spencer. Pkt. 15c. oz. 75c.
- 3375—MEADOW LARK.** Large early cream. A handsome and promising type. Pkt. 15c. oz. 60c.
- 3377—MIST.** A fine type throwing nice flowers of white, flushed with mauve. Vigorous grower. Pkt. 15c. oz. 60c.
- 3372—MRS. A. A. SKACH.** Beautiful light pink of splendid Spencer form. One of the best earlies. Pkt. 15c. oz. 60c.
- 3378—PEACE.** One of the nicest rose-pink shades on cream background. Aptly named. Pkt. 15c.
- 3379—RED WING.** A strong growing and fine looking variety. Color crimson magenta. Pkt. 15c.
- 3380—SONGSTER.** A giant among the early flowering section, of fine lavender color. Pkt. 15c.
- 3382—WARBLER.** A rich mauve purple, almost a distinct color—very pleasing shade. Pkt. 15c.
- 3011—YARRAWA.** Originated in Australia. Flowers exquisitely waved produced in fours on extra long stems. Color bright rose pink with a clear creamy base. Pkt. 10c. oz. 50.
- 3374—EARLY FLOWERING CHOICE MIXED.** A combination of the best colors in this section which will become very popular. Pkt. 10c. oz. 50c. ¼ lb. \$1.60.

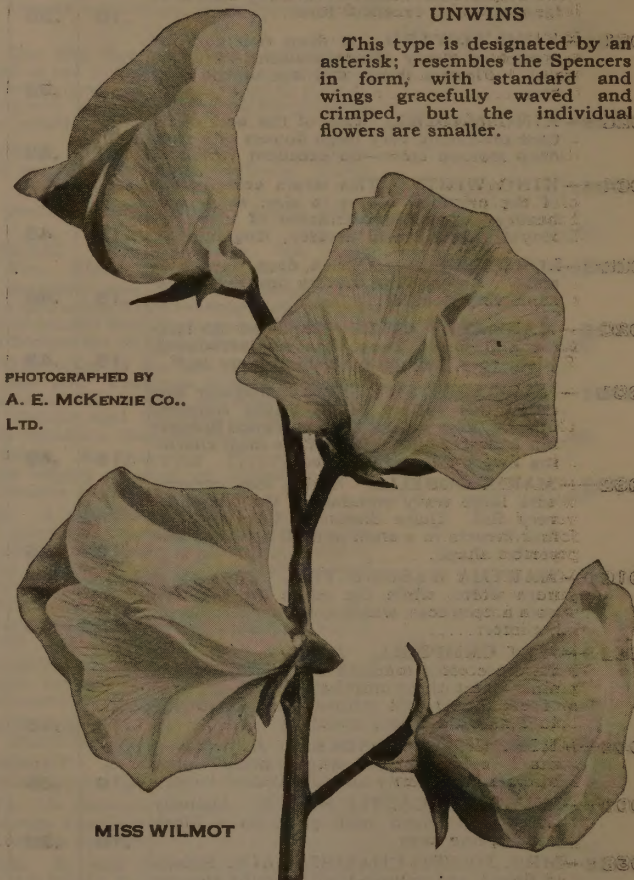
McKenzie's Selected Grandifloras

The Spencer (or waved types) types are slowly but, nevertheless, surely taking precedence over the Grandifloras. As a result, hybridizers have relaxed their enthusiasm for the latter, but as there still exist many staunch admirers of Grandifloras, we continue to offer those varieties which, in our opinion, produce the finest blooms. The Grandifloras are very free flowering, and if anything more robust than the Spencers.

	Postpaid		¼ lb.
	Pkt.	Oz.	
White			
2922—DOROTHY ECKFORD. A pure snow white, extra size.....	.10	.20	.65
2923—WHITE WONDER. Very profuse bloomer.....	.10	.20	.65
2928—MRS. COLLIER. A charming primrose self.....	.10	.20	.65
2934—BOLTON'S PINK. Large orange pink standard with wings of a pale rose.....	.10	.20	.65
2936—MISS WILMOT. A salmon pink delicately shaded rose.....	.10	.20	.65
Pink			
2941—*GLADYS UNWIN. Light pink; an exquisite shade; standards beautifully waved and crimped. Rose	.10	.20	.65
2947—PRINCE OF WALES. A rich deep rose self; quite distinct.....	.10	.20	.65
2957—*CHRISSEY UNWIN. Crimson scarlet, flowers large and waved.....	.10	.20	.65
2959—KING EDWARD VII. A deep rich carmine scarlet. Very effective.....	.10	.20	.65
2944—QUEEN ALEXANDRA. A bright crimson scarlet self.....	.10	.20	.65
Dark Blue, Purple and Maroon			
2970—BRILLIANT BLUE. A rich dark navy blue standard, wings tipped gentian blue.....	.10	.20	.65
2948—BLACK KNIGHT. Bold, upright dark bronzy chocolate standard. One of the best dark varieties	.10	.20	.65
Lavender			
2967—LADY GRISEL HAMILTON. A very popular lavender self, undoubtedly the best in this shade..	.10	.20	.65
Picotee Edge			
2977—DAINTY. White ground, edged pink. Very fine..	.10	.20	.65
Mottled and Flaked			
2983—HELEN PIERCE. Mottled and veined bright blue on a white ground.....	.10	.20	.65

UNWINS

This type is designated by an asterisk; resembles the Spencers in form, with standard and wings gracefully waved and crimped, but the individual flowers are smaller.



McKenzie's Flower Seed Specialties

Aster

Giant Comet

PHOTOGRAPHED BY
A.E. MCKENZIE CO., LTD.

(H.H.A.) All the high qualities combined in one

Asters, particularly Comet, are becoming more generally grown than ever. To their ease of culture and profusion of bloom unquestionably are due their increasing use. Nor is the "ease of cultivation" or the "profusion of bloom" its most meritorious qualities; far from it. It is the exquisite beauty of the flower itself, rivalling as it does even the "gorgeous Chrysanthemum" in size, appearance and beauty. We have wonderfully improved our "Giant Comet." The strain is perfect, the forms exquisite, the size immense, the petals are beautifully curved and recurved, like its name, resembling a beautiful ostrich plume, averaging 4 inches across.

1743—PURE WHITE.....	Pkt. .10	1747—CRIMSON.....	Pkt. .10
1744—ROSE.....	.10	1748—LIGHT BLUE.....	.10
1746—CHOICE MIXED.....	.10		

American Branching

(H.H.A.)

This is the great favorite with the ladies, as its long stems peculiarly adapt it to home and table decoration, and late blooming. The flowers, of large size, usually about 4 inches across, of beautiful soft shades, are highly ornamental and attractive. The petals overlap in a convex manner, very similar to the Victoria and Queen of the Market. It is a strong, robust grower, usually 18 to 24 inches high, of profuse blooming habit; like the Comet it becomes literally covered with bloom.

1778—PURE WHITE.....	Pkt. .10	1782—LAVENDER BLUE.....	Pkt. .10
1779—SHELL PINK.....	.10	1780—MIXED COLORS.....	.10
1781—DEEP CRIMSON.....	.10		

Ostrich Feather

(H.H.A.) Rivals the Superb Chrysanthemum

The name of this type is suggestive of its exceptional beauty, for in every way but its round shape it reminds one of the graceful waving ostrich plume. This is a newer introduction than the Comet, considerably earlier, producing a greater profusion of bloom and a flower that rivals in size the well-known Japanese Chrysanthemum. Excepting the size, it is identical with the Comet in appearance; long, wavy, twisted petals, gracefully but loosely formed. Often mistaken for a big Chrysanthemum. The plants, similar to Comet, are of luxuriant growth, about 24 inches high, each bearing from 30 to 60 blooms. Florists are finding this very profitable, which we consider a testimonial of great value, as, when commercial growers take up with an extremely prolific, hardy annual of vigorous growth, flowers that flourish from the start in the open, it is time then that the growing of same for home use becomes general.

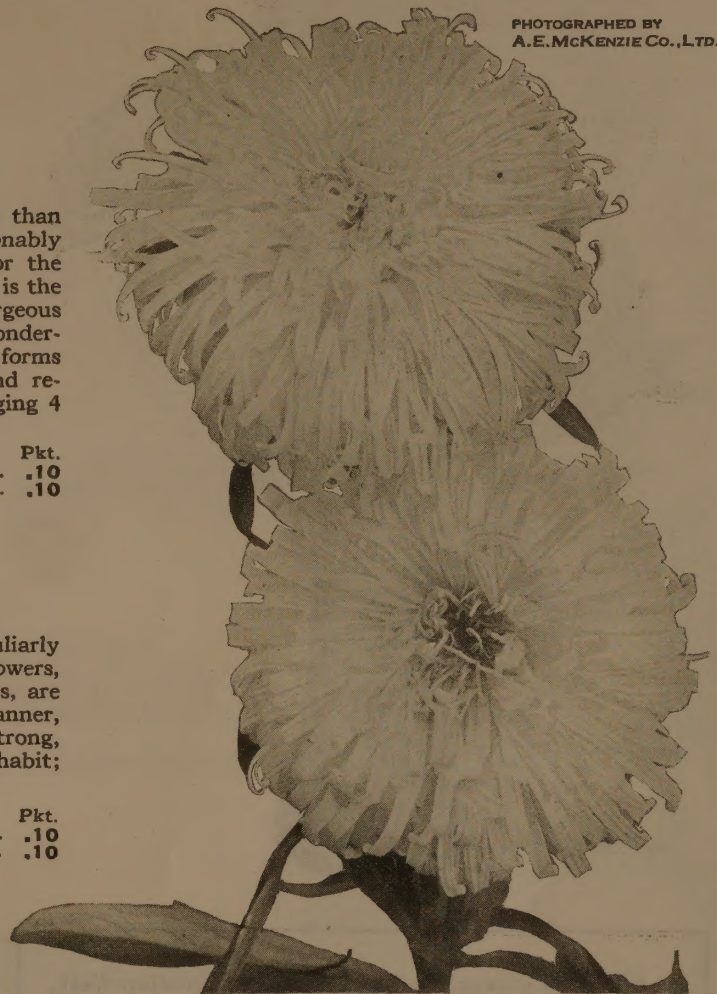
1787—PURE WHITE.....	Pkt. .10	1790—SALMON.....	Pkt. .10
1788—CRIMSON.....	.10	1791—AZURE.....	.10
1789—DARK BLUE.....	.10	1792—CHOICE MIXED.....	.10

Gigantic Crego

(H.H.A.) Queen of the Asters

You will note we call this "Gigantic" also "Queen of the Asters." "Gigantic Crego" certainly is "super-excellence" in the Comet Aster Class, frequently six inches across, the petals in many cases being double the length of the ordinary types, daintily twisted and curled in beautiful fluffy effects. For a few cents' investment you will reap long months of joyous reward and continual pleasant surprises which present themselves when growing Crego. The plant, like the flower, resembles the Comet, about 24 inches high and extremely prolific, casting bloom in the greatest profusion.

1797—SNOW WHITE.....	Pkt. .10	1798—SHELL PINK.....	Pkt. .10
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ASTER GIANT COMET



PHOTO-
GRAPHED BY
A. E.
MCKENZIE
CO., LTD.

ASTER OSTRICH
FEATHER

PHOTOGRAPHED BY
A. E. MCKENZIE
Co., LTD.



VICTORIA ASTER

Asters do exceptionally well in the Canadian West, not only do they make a pleasing show round the home, but they are very attractive and useful as cut flowers for interior decoration. Grow them this year.



PHOTOGRAPHED BY A. E.
MCKENZIE Co., LTD.

MAMMOTH NON-LATERAL BRANCHING WHITE

Aster (Continued)

Victoria (H.H.A.)

It is particularly prized for bedding and large borders. Of pyramidal form, growing 18 to 20 inches high. It is a most noticeable fact, that practically every garden where Asters are grown has this type whether others are grown or not. It has so many points of excellence that exhibitors the world over give it a stated preference. A very free bloomer, exceptionally hardy and adapts itself readily to general culture throughout the Canadian West.

	Pkt.
1765—PURE WHITE.....	10c
1766—LIGHT BLUE.....	10c
1767—CRIMSON.....	10c
1768—FIERY SCARLET.....	10c
1769—APPLE BLOSSOM.....	10c
1771—DARK BLUE.....	10c
1772—ROSE.....	10c
1773—PURPLISH VIOLET.....	10c
1774—CHOICE MIXED.....	10c

Pæony Perfection (H.H.A.)

It produces a large magnificent flower, about 4 inches across, of the most perfect Pæony shape, ranging from pure white to glowing crimson. The plants are of pyramidal branching formation, about 18 inches high with a flower stem highly prized for bouquet or for decorative purposes, producing bloom in great profusion. The pleasure in growing Asters is the diversity of types so radically distinct. Particularly true of the Pæony Perfection with its gracefully incurved petals, meeting at the centre.

	Pkt.
1754—PURE WHITE.....	10c
1755—CRIMSON.....	10c
1757—BRILLIANT ROSE.....	10c
1759—BRILLIANT SCARLET.....	10c
1760—DARK BLUE.....	10c
1761—CHOICE MIXED.....	10c

Miss Roosevelt (H.H.A.)

1855—Of the Victoria type the formation is perfect, the closely arranged petals giving it a handsome double appearance. Very hardy, plants of 18-inch growth, suitable for borders and cutting. Color is a most charming primrose passing to flesh. Pkt. 10c.

Grow Flowers! Grow more Flowers! Grow still more Flowers! Preach the gospel of beauty and naturalness to all about you! Flowers are essential in the lives of many of our people. As the realization of their value as stabilizers of the emotions is impressed upon the public mind by proper educational work, the need for them will be felt even more than at present, and the country will benefit thereby.

Mammoth Non-Lateral Branching

This is quite a distinct class. The plants grow about two feet high with a low branching habit and the flowers which are borne on non-lateral stems are full and of immense size. The petals are curved and incurved, giving the appearance of a cross between an Ostrich Feather and the plain branching type, which makes them exceedingly attractive. These new Asters are raised by one of the largest growers of Asters who has specialized in them for many years, thus ensuring dependability and uniformity of type.

	Pkt.
1806—WHITE.....	15c
1807—LIGHT BLUE.....	15c
1808—DARK BLUE.....	15c

American Beauty

1809—PURPLE. Raised and Selected from the Carmine Rose American Beauty, introduced in 1918. A valuable addition to this class. Per pkt. 15c.
1810—CARMINE ROSE. Grows large full flowers with incurved petals on stout stems from 15 to 20 inches in length, and a longer flowering season than any other Aster. Per pkt. 15c.

For other varieties see page 77

Aquilegia (H.H.P.) Long Spurred Hybrids (Columbine)

The delicately formed flowers are borne singly and in panicles, strikingly set off by handsome foliage that gives a most charming background, exhibiting with startling effect the rich colors and graceful spurs, beautifully poised on stately stems. A decided improvement on the older sorts.

The range of colors is exceptionally fine, such as pink and yellow, red and yellow, white and blue, lavender and mauve, etc.

1702—CHOICE MIXED. Pkt. 15c.

Asparagus Plumosus Nanus (G.P.)

The Leading Decorative Plant

1723—We believe this is the most popular house plant in Western Canada. Almost every plant lover has an Asparagus Plumosus Fern on his dinner table or in some other room. It surpasses the Maidenhair Fern for grace, delicacy of texture, richness of color. The early growth is very slow, but as soon as it is transplanted and well rooted in good soil the growth is more rapid. Pkt. 25c.

Asparagus Sprengeri (G.P.)

1728—This well-known Emerald Feather Fern so generally used in hanging baskets for winter interior use and home decorations, follows closely in the wake of Asparagus Plumosus as a popular favorite. For outdoors in summer it has no superior. One of the most popular basket and decorative plants. Pkt. 25c.

Balsam

(H.H.A.) Resembles a Plant with Roses Wrapped Round and Round

Aside from the exquisitely formed flowers, some of most gorgeous hue, the stems or branches instead of bearing in the usual manner are clustered closely from butt to tip with only the tips of the leaves protruding, thus giving the entire plant the appearance of one immense bloom, 18 to 24 inches high.

Balsam is a robust grower and should be given abundance of room. It makes an excellent border plant, and if started indoors will give a very early display.

1875—BRILLIANT SCARLET. Pkt. 10c.

1876—SNOWBALL. Pure White. Pkt. 10c.

1877—VIOLET SPOTTED. Pkt. 10c.

1879—PRIMROSE. Pkt. 10c.

1881—McKENZIE'S CHOICE MIXED. Pkt. 10c.

Bartonia Aurea (H.A.) A Fine Showy Annual

This plant produces bright yellow single flowers, about 2½ inches across, very fragrant in the evening. It has thistle-like foliage which gives it a most attractive appearance. A valuable flower for table decoration.

1886—AUREA. Pkt. 10c. oz. 30c.

Carnation (Dianthus Caryophyllus fl. pl.)

The Yield of Large Double Flowers is Wonderful

The Carnation has always been a flower of great prominence, but it is only in the last few years that its growth has become general throughout the Canadian West.

If sown early indoors and then transplanted to the open in June, the Carnation will blossom as readily as any other flower.

By transferring to pots before frost it makes a nice house plant.

The Marguerite strains are especially recommended for vigor and adaptability to outdoor culture; while the Perpetual are also given outdoor prominence, they are more generally grown where a winter blooming house plant is desired.

1990—GIANT MARGUERITE. Double choice, mixed Pkt. 10c.

1991—DWARF MARGUERITE. Double white. Pkt. 10c.

1992—DWARF MARGUERITE. Double yellow. Pkt. 10c.

1993—DWARF MARGUERITE. Double crimson. Pkt. 10c.

1994—DWARF MARGUERITE. Double choice mixed. Pkt. 10c.

1995—PERPETUAL, Chabauds. Giant flowered, mixed. Pkt. 10c.

1996—PERPETUAL, Riviera Market Giant. Mixed. Pkt. 15c.

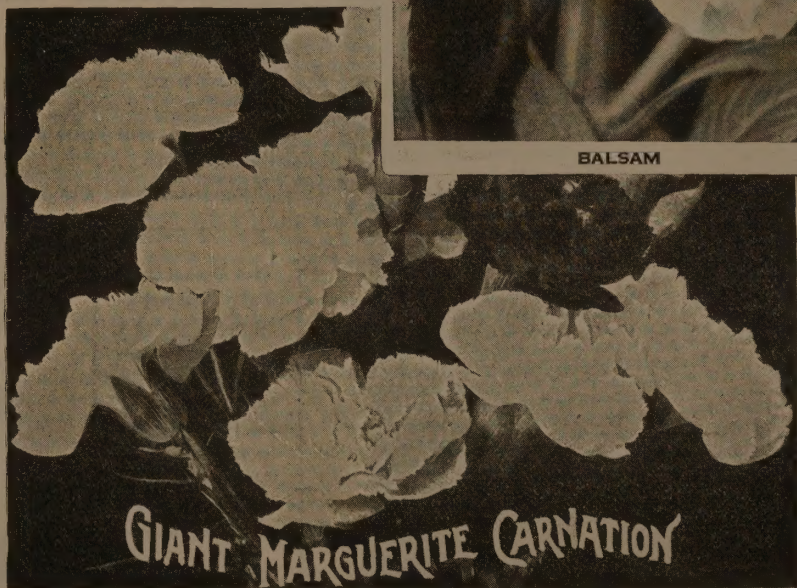
1997—BORDER, choice mixed. Pkt. 10c.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



BALSAM

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



GIANT MARGUERITE CARNATION



SWEET ALYSSUM

Achillea (H.P.) Ptarmica Fl. Pl.

1611—Beautiful white perennial of easy culture, grows about 2 feet high and from spring until frost is literally covered with bloom of the purest white double flowers. As a cut flower it is extremely prized. **Pkt. 10c.**

Ageratum (H.H.A.) Little Blue Star

1635—One of the best bedding and border plants blooming from early summer until frost. Little Blue Star has almost entirely superceded the older types of Ageratum. It is more compact and of dwarfer habit.

The name Ageratum, meaning "ever young," refers to its ever blooming habit; it will remain fresh and perfect for a month outdoors, and considerably longer within. Naturally it is a popular favorite, and is excellent for borders and edgings, as the plants are neat, bushy and erect; about 4 to 5 inches high. The flower is a bright blue. (See illustration.) **Pkt. 15c.**

Alyssum, Sweet

Never Wanes in Popularity

Very similar in appearance to Candytuft and equally as popular for borders. It is equally prized for baskets, pots, terrace rock work, cutting and button holes.

A rapid grower and produces an abundance of bloom. Is exceptionally hardy, in most cases lasting for several weeks after severe frost.

ALYSSUM is one of the few flowers of exceptional fragrance.

It is of very dwarf branching habit, the flowers so close that it resembles a sheet of white from a distance. (See illustration.)

1646—MARITIMUM (H.A.). White. Oz. **25c.** pkt. **10c.**

1647—LITTLE GEM (H.A.). White. Oz. **30c.** pkt. **10c.**

1648—GOLDEN SAXATILE (H.P.). Brilliant yellow. **Pkt. 10c.**

Antirrhinum (H.H.P.) Snap Dragon

A Most Fascinating Flower

In mixed borders or beds the long spikes with their clusters of rich, dazzling flowers of intense and varied colors form a most pleasing yet striking contrast when blended with other attractive plants.

The flowers have remarkable endurance, withstanding severe adverse weather, regaling in beautiful bloom throughout the entire summer.

Antirrhinum being a perennial should be started indoors early, which insures a profusion of bloom the first season. Where indoor sowings are not preferred, we suggest sowing during the summer for the following seasons. (See illustration.)

Tall Giant

1681—BRILLIANT. Golden yellow and white. **Pkt. 10c.**

1682—FIRE KING. Scarlet with orange. **Pkt. 10c.**

1683—QUEEN VICTORIA. Snowy white. **Pkt. 10c.**

1684—STRIATUM. Striped. **Pkt. 10c.**

1686—FINEST MIXED. **Pkt. 10c.**

Dwarf

1691—BLACK PRINCE. Almost black with dark leaves. **Pkt. 10c.**

1693—GOLDEN QUEEN. Rich pure yellow. **Pkt. 10c.**

1694—QUEEN OF THE NORTH. Pure white. **Pkt. 10c.**

1695—FINEST MIXED. **Pkt. 10c.**

Arabis (H.P.) Rock Cress

One of the best rock and border plants. Blooms very early in the spring. Pure white flowers. Especially adapted for edgings and covering banks. Very attractive and will enhance the appearance of any garden.

1708—ALPINA. **Pkt. 10c.**

Artemesia (Saccorum Viridis)

(H.A.) (Summer Fir)

1720—Ornamental foliage plant from China. Like Kochia (Summer Cypress), it makes a beautiful garden and pot plant. It forms pyramidal bushes about 3 feet high. The color is a rich deep green. Withstands both drought and wet. **Pkt. 10c.**

The Dwarf and Tall Antirrhinums planted in a border, the tall at the back and the dwarf in front, with a border of Alyssum, makes a very pleasing show.



AGERATUM

Canterbury Bell (H.P.) Campanula

The Canterbury Bell of the Calycanthema type differs noticeably from the usual Bell Flower or Persicifolia strains by reason of its immense calyx, giving the flower the appearance of a "cup and saucer," and is generally known by this name. See also page 78.

1979—CALYCANTHEMA.	Blue.....	Pkt.
1980—CALYCANTHEMA.	Rose.....	10c
1981—CALYCANTHEMA.	White.....	10c

Campanula Persicifolia (Peach Bells)

Very Different in Formation from Canterbury Bells

Campanulas can be grown with ease in any ordinary garden. The delicate and broadly shaped flowers appear in clusters of three at the axils of the upper leaves and grow to an immense size. They are ornamental, graceful and very suitable for table decoration. See also page 77.

1952—PERSICIFOLIA.	Blue, large bells.....	Pkt.
1953—PERSICIFOLIA ALBA BACKHOUSIANA.	The largest and purest flower.....	10c
1954—PERSICIFOLIA GRANDIFLORA fl. pl. ALBA MOERHEIMI.	Very fine pure white saucer shaped flowers....	10c

Dianthus (Pinks) Succeed in Any Soil

One of the most magnificent flowers in cultivation. Although biennial, Pinks should be treated as annuals, and if sown in the open ground as soon as all danger of frost is past, they will furnish an endless delight to lovers of flowers throughout the summer by their attractive and profuse display of bloom. Transplanting when sown in the open is not recommended, otherwise the flowering season will be delayed. (See illustration.)

2122—CHINENSIS (Fl. Pl.).	Mixed (H.B.) (Indian Pink).	Pkt.
	Double flowers all shades.....	10c
2123—HEDDEWIGI (H.B.).	Single mixed (Japan Pink). All colors.....	10c
2124—HEDDEWIGI CRIMSON BELLE (H.B.).	Single, brilliant crimson.....	10c
2125—HEDDEWIGI EASTERN QUEEN (H.B.).	Single, striped rose, extra.....	10c
2126—HEDDEWIGI FIREBALL (H.B.).	Double, brilliant scarlet, extra strain.....	15c
2127—HEDDEWIGI (H.B.).	Double, choicest mixed.....	10c
2128—LACINIATUS (H.B.).	Single mixed.....	10c
2129—LACINIATUS SALMON QUEEN (H.B.).	Single, very charming colors.....	10c
2131—LACINIATUS VESUVIUS (H.B.).	A dazzling single orange scarlet, very fine.....	10c
2132—LACINIATUS (H.B.).	Double choice mixed.....	10c
2133—DIADEMATUS (Double Diadem Pink) (H.B.).	Double, choice mixed.....	10c
2134—IMPERIALIS (Double Imperial Pink) (H.B.).	Choicest mixed.....	10c
2137—PERENNIAL PINKS (H.P.).	Extra choice mixed, very hardy.....	10c

PHOTOGRAPHED BY
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Co., LTD.



INDIAN PINK

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Co., LTD.



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CHRYSANTHEMUM INODORUM PLENISSIMUM

Chrysanthemum

2024—INODORUM PLENISSIMUM. One of the finest hardy annuals for cutting and very showy in the border. The flowers, which are perfectly double, are of a pure snow-white color; grows about 18 inches high and flowers from July to September. Pkt. 10c.

Single Annual Choice Mixed

These annual Chrysanthemums grow easily from seed, and flower freely during summer and fall months. Eminently suited to our climate as they succeed best in cool locations and make excellent pot plants during the spring months. The plants grow 12 to 18 inches high, branching freely, and produce on long stems large single daisy-like flowers of many bright colorings. Also known as "French Marguerites" and "Painted Daisies."

2027—FINEST MIXED..... Oz. 30c. per pkt. 10c.

See also page 78.

Candytuft

One of the most Popular Garden Flowers Large Flowering (Iberis)

For a profusion of bloom lasting throughout the summer, there is nothing in the flower garden to excel these dwarf flowering annuals for edging and massing in borders. The plants being of miniature growth adapt themselves to pot culture. They are quite hardy and easy to cultivate and can be sown out of doors, seedlings being thinned out, but not transplanted. The flowers are borne in umbels on spiral spikes of extra depth; the individual flowers being much larger than the older strains. Colors embrace practically all shades of white, purple and red. The strains we offer are unsurpassed.

	Pkt.
1964—DUNNETT'S IMPROVED. Deep rich crimson.....	10c
1965—EMPRESS. Large, pure white. (See illustration).....	10c
1966—UMBELLATA QUEEN OF ITALY. Pale lilac.....	10c
1967—UMBELLATA ALBIDA. Creamy white.....	10c
1968—UMBELLATA. McKenzie's Finest Mixed.....	10c
1969—UMBELLATA DWARF HYBRIDS. White shaded rose.....	10c
1970—CHOICE MIXED. Oz. 30c.....	10c

Coreopsis

A Wonderful Bloomer

This showy flower not only receives a place in almost every garden, but generally a very conspicuous one. It is a very dazzling plant, strikingly effective in display with other plants, and equally as attractive for cutting and bouquets. The flowers are very free blooming, retaining freshness long after cutting. It has been said this flower blooms so freely that it flowers itself to death.

	Pkt.
2069—GRANDIFLORA, large bright golden yellow.....	10c
2070—LANCEOLATA, yellow serrated petals.....	10c

See also Calliopsis, page 77

Cosmos

The name is derived from the Greek word with a basic idea, orderliness; hence an ornament or beautiful thing, which fits the present case.

Among the Garden Annuals that have come into prominence in recent years, the Cosmos has a most brilliant future. Cosmos has been vastly improved during the last five years. At first, the flowers were only an inch or two across, now the varieties average 3 inches and sometimes reach 4 and 5 inches.

New Double

These fine new varieties produce full round double flowers, but up to the present have been very shy seeders, which increases the cost of production of seed stock. They possess distinctive characteristics over the ordinary varieties. (See illustration.)

	Pkt.
2071—SNOWBALL. Pure white.....	15c
2072—EUREKA. Pink.....	15c
2076—EUREKA. Crimson.....	15c

New Double Crested

A new class entirely, having double centres and a row of petals around the base of the flower which makes them very effective. (See illustration.)

	Pkt.
2077—PINK BEAUTY. Soft pink.....	15c
2078—CRIMSON KING. Dark crimson.....	15c
2079—WHITE QUEEN. Pure white.....	15c
2082—THE BRIDE. Very delicate pink.....	15c
2083—WHITE LADY. Pure white.....	15c
2065—Extra Early Mammoth Flowering White.....	15c
2066—Extra Early Mammoth Flowering Pink.....	15c
2067—Extra Early Mammoth Flowering Crimson.....	15c
2068—Extra Early Mammoth Flowering Mixed.....	15c

White, Lady Lenox

Gigantic Orchid Flowering

Every Enthusiastic Gardener Should Grow This

2073—A most fascinating introduction which produces flowers four to five inches in diameter—quite three times larger than the ordinary Cosmos. It is the first white variety of the famous Lady Lenox Cosmos type. Has succeeded and been admired everywhere. Produces petals oval in shape and of splendid substance. Keeps well when cut. Pkt. 10c.

See also page 78



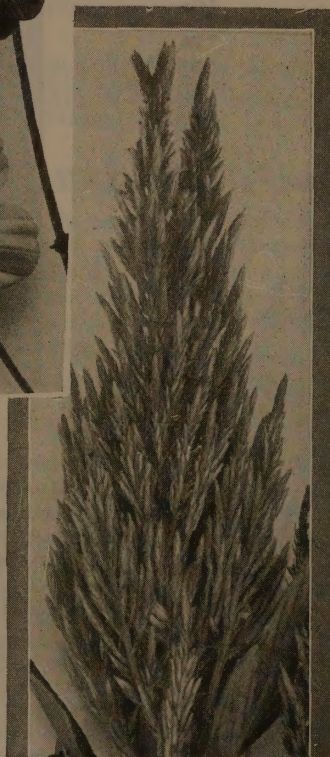
COSMOS NEW DOUBLE

COSMOS
NEW DOUBLE CRESTED

Celosia Very Showy for the Summer Garden

A distinct form of the plumed Celosia. The very oddity of its formation makes it unique, and its many gorgeous colors highly attractive. The dwarf Cockscomb with their immense rich, ruffled combs which are of velvet, chenille-like appearance, measuring frequently 12 inches across, have an exceptionally striking ornamental effect in borders.

2002—PLUMOSA. Crimson.....	10c
2003—PLUMOSA AUREA. (See illustration). Golden yellow.....	10c
2004—PLUMOSA THOMPSONI. MAGNIFICA. Mixed Colors.....	10c
2005—CRISTATA EMPRESS (Cockscomb), crimson.....	10c
2006—CRISTATA DWARF (Cockscomb). Finest mixed.....	10c



CELOSIA

Godetia

(H.A.)

Merits its popularity, very free flowering, fine for bedding, imparting a gay appearance to the border. 1 ft. July-September.

2272—DUCHESS OF ALBANY.	Satiny white.	Pkt.	10c
2273—DUCHESS OF FIFE.	White, spotted carmine.	Pkt.	10c
2274—GLORIOSA (Lord Roberts).	Dark glowing red. The darkest of all.	Pkt.	10c
2275—LADY ALBEMARLE.	Dark crimson.	Pkt.	10c
2276—LADY SATIN ROSE.	Bright carmine, extra rich color.	Pkt.	10c
2277—FINEST-MIXED.		Pkt.	10c

Gypsophila

(Baby's Breath)

A very desirable plant for bouquets, sprays, and hanging baskets. Useful for mixing with other flowers. The fine, misty, white flowers lend to any decoration a grace which cannot be duplicated by any other annual. A combination of Sweet Peas and Gypsophila make a pleasing appearance for decorative table use. Excellent for cutting, therefore very popular. Flowers a few weeks after sowing—its feathery foliage and graceful panicles of dainty blossoms make it a leading favorite; 1-2 ft. July-August.

2289—ELEGANS GRANDIFLORA ALBA (H.A.). An improved type, pure white flowers. Pkt. 10c.

2294—PANICULATA (H.P.). White flowers; blooms first year if sown early. 2 ft. August-September. Pkt. 10c.

Delphinium or Perennial Larkspur

The Delphinium is one of the most beautiful of all flowers and provides a color—blue—of which we have little among flowers. The stately plants with their long spikes of handsome flowers produced in racemes, are much admired in mixed borders. The foliage is shapely and classical in outline and the spikes of bloom are freely borne. Delphiniums will often remain in full bloom for several months during the whole of which time they add a color to the garden which would otherwise be wanting. For producing a striking display over a long season they are probably unique. No garden is complete without a group or two of these graceful perennials. The culture is exceedingly simple and the results out of all proportion to the slight amount of care necessary; 2-6 ft. July-September. (See illustration.)

2107—BLUE BUTTERFLY. A very attractive dwarf Chinese variety growing about 20 inches high. The plants are densely covered with a mass of azure blue flowers, which stay in flower a very long time. Pkt. 10c.

2112—FORMOSUM CELESTINUM. Handsome sky blue flowers, a lovely shade. 2 ft. Pkt. 10c.

2113—GRANDIFLORUM fl. pl. Large flowers borne in racemes 1-3 ft. Choice, double mixed. Pkt. 10c.

2114—CASHMERIANUM. Distinct pale blue produced in corymbs, with light green leaves. 1 ft. Pkt. 10c.

2116—McKENZIE'S SPECIAL MIXTURE. A very choice strain. Pkt. 10c.

2117—NUDICAULE. Spikes bright scarlet, borne on a loose raceme. 1 ft. Pkt. 15c.

Dimorphotheca or Orange African Daisy

A great improvement over the old African Types

Of easy culture and able to withstand all kinds of weather. It is adapted to the climate of Western Canada, and is rapidly gaining popularity. A rare and exceedingly showy annual Daisy from South Africa. Its intrinsic value as a bedding or decorative plant is freely acknowledged. The plants are of semi-dwarf habit and rarely exceed the height of 15 inches; the growth is vigorous and fairly compact, bearing clusters of immense flowers measuring frequently 2½ to 3 inches across. Exceptionally profuse blooming the plants continue to produce an array of pretty showy flowers until late in the fall. Seed may be sown in the open as soon as the ground can be prepared in the spring.

2147—AURANTIACA. (True Stock). The golden yellow flowers are conspicuous by the dark colored disc surrounded by a black zone, the Marguerite-like blossoms measuring frequently 2½ to 3 inches in diameter. A very attractive flower, producing an abundance of bloom. Per pkt. 10c.

2157—AURANTIACA HYBRIDA. McKenzie's Choice Mixed. Quite the counterpart of the type in growth, foliage, height and size of bloom, but of multifarious coloring. Among the shades represented are pure white to bluish and reddish white, sulphur and lemon yellow to bright gold; delicate rose to deep salmon, orange, etc., while some flowers show zones of contrasting hues. Per pkt. 10c.

Echinocystis

Wild Cucumber (H.A.)

A well-known vine common in many sections. The increasing demand for this useful plant is proof that its usefulness is appreciated. It is unequalled for its rapidity in covering walls, fences, verandahs, trellises, etc. Very useful for hiding unsightly objects in the garden on account of the quick growth of the vines. It never suffers from extreme heat, but retains its fresh green color. Very profuse in bloom. It is advisable to soak the seed several hours before planting.

2167—LOBATA. Pkt. 10c. oz. 25c. ¼ lb. 80c.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



GODETIA

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



DELPHINIUM



Poppy beds are nearly always too thickly planted for Poppy Seed is very fine and difficult to sow properly. They must be thinned if the flowers are to attain their proper development.

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



MYOSOTIS

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



KOCHIA

California Poppy

(Eschscholtzia)

Unexcelled for Gorgeous and Dazzling Display

Few plants are of more delicate appearance and attractive to the eye than this poppy-shaped flower, yet it is one of the hardiest and most easily grown. It is very showy and blooms early after its appearance above ground. It stands considerable cold and remains blooming after the first frost. Very attractive as an edging because of its intersected and bluish foliage. The plants grow bushy and 12 to 24 inches high.

	Oz.	Pkt.
2188—BURBANK'S CRIMSON. A very handsome variety.....	.50	.10
2189—CARMINE KING. An intense carmine rose.....	.50	.10
2190—GOLDEN WEST. Orange yellow, large.....	.50	.10
2191—MANDARIN. Orange shaded crimson.....	.50	.10
2192—ROSE CARDINAL. Carmine rose.....	.50	.10
2182—CALIFORNICA. Bright yellow.....	.40	.10
2183—CALIFORNICA. Alba, white.....	.40	.10
2193—VESUVIUS.....	.50	.10
2194—HYBRIDA GRANDIFLORA MIXED.....	.50	.10
2197—SINGLE MIXED.....	.35	.10
2212—DOUBLE MIXED.....	.35	.10

Kochia

Summer Cypress (Mexican Fire Bush)

(H.A.) All the Rage Everywhere

Grows to a perfect symmetry and uniform shape, makes one of the most beautiful hedges and borders imaginable. The lovely green color has a wonderfully enhancing appearance along the walk, against buildings, backgrounds, foregrounds, in fact, it seems to be in just the right spot wherever placed. Very easily grown, sown thinly in spring, shoots up quickly. With the approach of Fall the whole plant becomes a deep red.

2381—TRICOPHYLLA, Pkt. 10c.

Mignonette

The Old Time Favorite Flower

This universally esteemed fragrant flower still retains its popular place in the garden. Invaluable for cutting, and when massed in flower borders it is also well adapted for pot culture for winter blooming. Successional sowings are recommended when a constant supply of bloom is required. For winter flowering sow seed in pots during July and August and thin out.

	Pkt.
2491—BISMARCK. Huge trusses of reddish colored flowers.....	.10
2492—GOLDEN QUEEN. Large golden yellow spikes.....	.10
2493—MACHET. Fine bold spikes of reddish flowers. A general favorite, Oz. \$1.00 ½ Oz. 60c.	.10
2494—VICTORIA. Forms attractive trusses of bright red flowers.....	.10
2495—WHITE PEARL. The best of all the whitish flowers.....	.10
2490—GRANDIFLORA.....	Oz. 50c. 10

Myosotis

(Forget-me-not) (H.P.)

Will flower first year if seed is sown early. Fine for edging. 6-12 inches. July-August.

	Pkt.
2520—ALPESTRIS. Bright Blue, fragrant towards evening.....	.10
2522—ALPESTRIS VICTORIA. Sky blue, dwarf, the best for pots.....	.10
2523—PALUSTRIS. Azure blue flowers borne in racemes.....	.10

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD



GAILLARDIA



HELICHRYSUM



HELIANTHUS STELLA

PHOTOGRAPHED BY
A. E. MCKENZIE CO., LTD.

Gaillardia or Blanket Flower

Unsurpassed in Brilliancy by any Hardy Annual Plant

This popular flower hardly needs much introduction as it is already so well known and appreciated among garden-lovers. Gaillardias are particularly conspicuous for profusion and duration of flowers. A constant succession is produced all summer until late in the fall. They produce a gorgeous effect in beds or borders. They are highly recommended for cut flowers as they last so long in water and can be gathered with ample self-supporting stems. Great improvements in this popular plant have taken place during recent years and the strains we offer below are absolutely the best obtainable. Flowers freely, dazzling colors. 2-3 ft. July-September.

2223—PICTA AURORA BOREALIS (H.A.).	Gold, crimson and white.....	Pkt.
2224—SINGLE MIXED.....		10c
2225—LORENZIANA, double mixed.....		10c

Helianthus—Sunflower

Very Effective
in Borders

Of the easiest culture and adapted to a variety of soils. They are seen to best advantage when planted in masses, rather than as solitary specimens. These attractive flowers are a valuable addition to any garden. 2-8 feet. July-September.

2299—ARGYROPHYLLUS (Texas Silver Queen).	Single yellow flowers with black centre. 6 ft.....	Pkt.
2304—CALIFORNICUS fl. pl.	Fine double, showing no centre, flowers 6 inches in diameter. 4 ft.....	10c
2307—GLOBOSUS FISTULOSUS fl. pl.	Large double flowers, bright saffron color. 4 ft.....	10c
2308—STELLA.	Single golden yellow flowers with black disc. 4 ft. (See illustration).....	10c
2309—GOLDEN FLEECE.	Cactus shaped flowers, golden yellow with dark centre.....	10c
2310—RED.	A new and very attractive variety; flowers are very numerous.....	10c

Helichrysum (Everlastings) (H.H.A.)

Very useful for winter decoration or for the making of everlasting wreaths or bouquets. A nice range of delicate pleasing colors. For drying, they should be cut when not fully opened and dried in a gentle heat. Height, 18 inches. In flower, July-September. (See illustration.)

2312—MONSTROSUM.	Double Mixed.....	Pkt.
		10c

Hollyhock

McKenzie's Giant Flowering Annual
Blooms First Year from Seed

Immense Hollyhocks the first year from seed! Think of it! The old types of this beautiful rose-like flower can seldom be flowered from seed before the second year. This new strain, identical in appearance with the older varieties, is the result of years of selection for an Annual Hollyhock. The range and combination of colors are wonderful and most beautiful to behold.

The flowers are densely double, delightfully fringed and flounced. Very large size, often measuring 5 inches across. Plants grow 6 to 8 feet high and literally covered with clusters of buds and flowers. Veritable columns of bloom. Started in the house from February to April and transplanted they bloom in the early summer. 2327—Mixed. Pkt. 15c.

Hollyhock (Perennial Varieties)

2328—CHATER'S (H.P.).	Double white.....	Pkt.
2329—CHATER'S (H.P.).	Double canary yellow.....	10c
2330—CHATER'S (H.P.).	Double scarlet.....	10c
2331—CHATER'S (H.P.).	Double peach blossom.....	10c
2332—CHATER'S (H.P.).	Double crimson.....	10c
2333—CHATER'S (H.P.).	Double apple blossom.....	10c
2334—CHATER'S (H.P.).	Double salmon.....	10c
2335—CHATER'S (H.P.).	Double dark rose.....	10c
2336—CHATER'S (H.P.).	Double, choice mixed.....	10c
2337—DOUBLE ALLEGHANY PRIZE. (H.P.)	Mxd.....	10c

Linum (Flax)

(H.A.)
A Pretty Border Plant

The flowers are borne in terminal racemes or cymes. On account of continuity of bloom the plant is very showy and its ease of culture places it in the front rank as a popular flower. 1 ft. July-September.

2420—GRANDIFLORUM RUBRUM.	Oz. 30c.....	Pkt.
2421—FLAVUM (H.P.).	Neat and compact, flowers bright golden yellow. 1 ft.....	10c
2422—PERENNE (H.P.).	Bright blue flowers, very graceful.....	10c



CHATER'S
DOUBLE HOLLYHOCK



Lupinus

Particularly Adapted to Borders

Hardy Annual and Perennial plants of striking appearance with conspicuous flowers in terminal racemes. The bushy plants, with their long handsome spikes, furnish an excellent background to a flower bed. All varieties of this attractive plant are of easy culture in any garden soil.

- | | |
|--|----------|
| 2435—ANNUALS, fine mixed. 3 ft. June-Aug. Oz. 30c..... | Pkt. 10c |
| 2436—ARBOREUS SNOW QUEEN (H.P.) Very fine pure white spikes. 3 ft..... | Pkt. 10c |
| 2437—POLYPHYLLUS (H.P.). Blue, 3-6 ft..... | Pkt. 10c |
| 2438—POLYPHYLLUS ALBUS. White, 3-6 ft..... | Pkt. 10c |
| 2440—SUBCARNOSUS (Texas Blue Bonnet) (H.A.). A charming dwarf variety, flowers azure blue. Excellent for front of border. 1 ft. Pkt. | 10c |

Lobelia (Tenuior) (H.H.A.)

A Highly Decorative Plant for Window Boxes, Hanging Baskets, Verandahs, etc.

2431—This delightful flower is a native of Western Australia and is much prized for its rich decorative qualities. It makes an ideal plant for hanging baskets, supplying a succession of large, deep, rich blue flowers with a conspicuous white eye; a very pleasing contrast. The foliage is graceful and light in texture, which enhances its charm considerably. Per pkt. 10c.

Lobelia Crystal Palace Compacta (H.H.A.)

2427—While distinctive from Lobelia Tenuior, it makes an ideal flower for hanging baskets and window boxes. The blossoms, deep rich blue in color, have a conspicuous white eye, giving a strikingly attractive contrast. The plant is exceedingly graceful. Pkt. 10c. See also page 79.

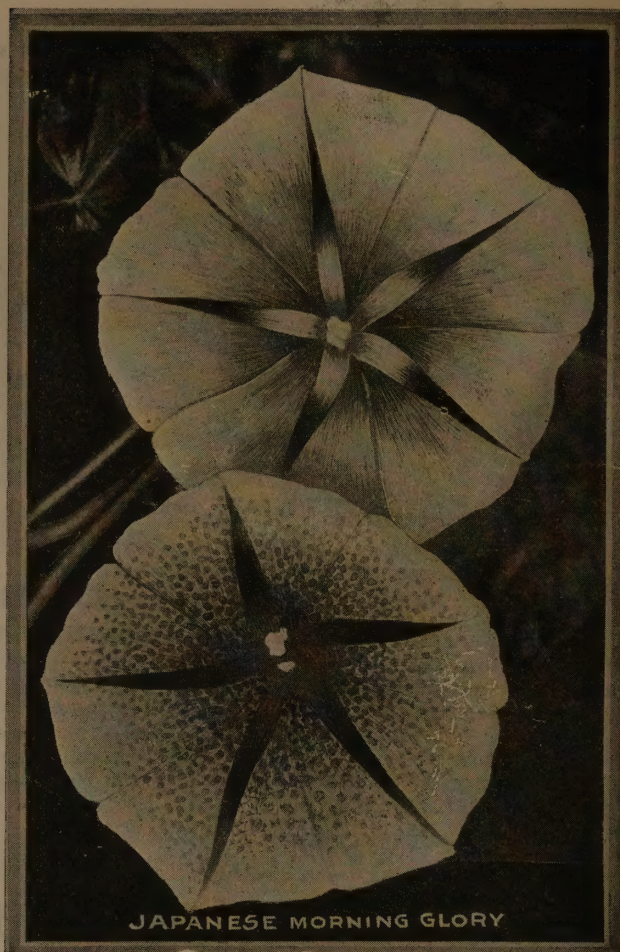
Marigold (Tagetes) (H.A.)

The Favorite of our Grandmothers

These old-garden favorites are eminently suited for massing in gardens. The variety listed as "Legion of Honor" is the dwarfest of the type and is a charming plant to use for edgings, as it blooms continuously and grows only 6 to 8 inches high. The African flowers with their large and perfectly double blooms are symmetrical in shape and the French types have been selected from plants showing even and well-defined striped double flowers, in shades of brilliant gold, orange and brown. They provide a wealth of bloom of striking appearance.

The seed we offer has been saved exclusively from exhibition blooms.

- | | |
|---|----------|
| 2456—AFRICAN GOLD NUGGET. Golden yellow..... | Pkt. 10c |
| 2457—AFRICAN LEMON BALL. Soft lemon yellow..... | Pkt. 10c |
| 2458—AFRICAN EL DORADO. Large quilled, of perfect double form, in shades of yellow..... | Pkt. 10c |
| 2459—AFRICAN. DOUBLE FINEST MIXED..... | Pkt. 10c |
| 2460—FRENCH. COMPACT GOLD STRIPED, beautiful markings, stripes well defined..... | Pkt. 10c |
| 2462—FRENCH. DWARF, FINEST MIXED..... | Pkt. 10c |
| 2463—FRENCH LEGION OF HONOR. Single flowers, attractively marked on a golden yellow background..... | Pkt. 10c |



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Ipomea or Morning Glory

Remarkable for easy culture, quick growth and beautiful flowers. Among the most popular plants for covering verandahs and screening unsightly objects.

Seeds should be soaked in warm water for about 2 hours before planting. Flowers from July to September.

2362—IMPERIALIS (Japanese). The flowers are borne by hundreds and are of enormous size, of the most delicate, vivid and blending colors to be seen in any flower. The leaves alone are almost beautiful enough, with their richly marbled and variegated white and green. Finest Mixed. Pkt. 10c, oz. 40c.

2368—ROCHESTER SKY BLUE. We consider the Rochester Sky Blue ever-blooming Morning Glory the acme of perfection in color of all the numerous varieties of climbing Morning Glories. The vines make very rapid growth and form an excellent cover for bare or unsightly spots and for trellises and verandahs they are unexcelled. Pkt. 10c.

2367—NOCTIFLORA (Moon Flower) alba. Large white flowers. 10-15 ft. Pkt. 10c.

2369—BONA NOX (Evening Glory). Opens its blooms in the evening, large white flowers. 15 ft. Pkt. 10c.

2370—SETOSA (Brazilian Morning Glory). A vigorous climber, covers an immense area, large rose colored flowers with pink centre. 10-20 ft. Pkt. 10c.

Nemesia

(H.A.) Rivals the Lobelia

This is a striking border, pot or window-box plant of very compact growing habit. Very free flowering, with rich rare colors, in shades of rose, white, scarlet, or yellow, with the lower petal usually lipped or marked in another contrasting color; continuing in bloom for a very long time; grows about 12 inches high.

2615—DWARF COMPACT HYBRIDS, choice mixed. Pkt. 15c.



NASTURTIIUM

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



NIGELLA

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



PYRETHRUM

Nasturtium

Dwarf Lilliput

Makes an excellent plant for edges of borders. Of miniature size and very compact, smaller even than Tom Thumb. The dainty foliage and flowers are quite unique and graceful, whilst, thanks to the energy and perceptibility of the hybridizer, blossoms can be procured in almost every pleasing shade.

	Pkt.	Oz.	1/4 lb.
2575—BABY ROSE. Pure white with deep rose markings	.10	.40	\$1.00
2576—FAIRY QUEEN. Light, marked with lavender..	.10	.40	1.00

Tom Thumb

This dwarf-growing variety is perhaps the most generally grown, and it succeeds everywhere with little or no care.

2581—AURORA. A beautiful terra cotta.....	.10	.40	1.00
2582—BEAUTY. Yellow with scarlet markings.....	.10	.40	1.00
2587—KING OF TOM THUMB. Bright scarlet.....	.10	.40	1.00
2588—KING THEODORE. Deep crimson.....	.10	.40	1.00
2592—RUBY KING. Ruby red, salmon tinted.....	.10	.40	1.00
2593—SPOTTED KING. Dark yellow with brown spots	.10	.40	1.00
2594—VESUVIUS. Deep salmon rose.....	.10	.40	1.00
2595—MCKENZIE'S CHOICE MIXED.....	.10	.30	.75

Variegated

Enthusiastic lovers of Nasturtiums hailed with delight this introduction. Unquestionably the Variegated-leaved are without a rival with beautiful and pleasing leaf markings of white, cream, gold, green, etc., and their gorgeous colored flower.

2539—DWARF, CRYSTAL QUEEN. Primrose, narrow-ly striped.....	.10	.40	1.00
2545—TALL (Lobb's), QUEEN WILHELMINA.....	.10	.40	1.00
2546—TALL (Lobb's), MCKENZIE'S CHOICE MIXED	.10	.40	1.00

Ivy Leaf

No praise can be too high for this lovely creation. It has proven a surprise and delight to all who have grown it. The plants in habit are similar to both the dwarf and tall varieties of the ordinary types. The leaves are a delicate English Ivy-leaved form, while the flowers are strikingly yet daintily fringed.

2547—DWARF, OTHELLO. Deep maroon.....	.10	.40	1.00
2548—DWARF, BUTTERFLY. Bright golden yellow..	.10	.40	1.00
2549—DWARF, MCKENZIE'S CHOICE MIXED.....	.10	.40	1.00
2550—TALL, FLAMINGO. Orange scarlet.....	.10	.40	1.00
2552—TALL, MCKENZIE'S CHOICE MIXED.....	.10	.40	1.00

Golden Leaf

This type has created widespread interest everywhere by its wonderful foliage and lovely hue of colors. Being so radically different from ordinary type, the Ivy-leaved or the Variegated-leaved, it has proved their equal in popularity.

The leaves are of a beautiful clear golden yellow. In growth the plant is similar to other dwarf varieties.

2553—CLOTH OF GOLD. Brilliant scarlet.....	.10	.40	1.00
2554—GOLDEN MIDNIGHT. Deep maroon.....	.10	.40	1.00
2555—GOLDEN ROSE. True rose.....	.10	.40	1.00
2557—GOLDEN PEARL. Sulphur yellow.....	.10	.40	1.00
2558—MCKENZIE'S CHOICE MIXED.....	.10	.40	1.00

Lobb's Climbing

Grows very rapidly, but the foliage and flower are smaller and more delicately shaped than the preceding. It is equally desirable as it embraces many beautiful varieties with a wide range of coloring.

2560—GOLDEN QUEEN. Pure golden yellow.....	.10	.40	1.00
2561—LUCIFER. Very dark scarlet.....	.10	.40	1.00
2565—RUDOLPH VIRCHOW. Charming ruby color with rich yellow calyx and spurs.....	.10	.40	1.00
2563—MCKENZIE'S CHOICE MIXED.....	.10	.40	1.00

Tall or Climbing

This is the type of Nasturtium so extensively used for window boxes, verandahs, stone piles, walls, fences and unsightly locations. Our seed is of exceptionally robust growth, it gets away to a quick start and produces rapid, strong growing vines and profuse bloom.

2566—COCCINEUM. Bright scarlet.....	.10	.40	1.00
2567—DUNNETT'S ORANGE. Orange.....	.10	.40	1.00
2568—HEINEMANNI. Chocolate.....	.10	.40	1.00
2570—KING THEODORE. Rich crimson.....	.10	.40	1.00
2571—PEARL. Cream white.....	.10	.40	1.00
2574—MCKENZIE'S CHOICE MIXED.....	.10	.25	.60

Nigella

(Miss Jekyll)

2632—The Hispanica types are usually known as "Love in a Mist," while this particular variety is so handsome, as to regale in the highly expressive name "Devil in a Bush."

Produces beautiful bright blue flowers of cornflower shape, 1 1/2 inches across, borne on long stems, interspersed gracefully among the exquisite fern-like foliage. Grows 12 to 15 inches in height. Pkt. 10c.

2633—NEW WHITE. Pkt.... 10c.

See also page 79.

Pyrethrum

The special value of the Pyrethrum is its extreme early flowering habit, being one of the first to bloom in the spring. This is a particularly good feature when used for borders. For decorative purposes and house bloom it is prized highly. Resembles the Aster and Chrysanthemum in appearance. Blooms and flourishes under rough weather conditions.

2819—HYBRIDUM GRANDIFLORUM SINGLE. Large flowering types, blooms measure 3 to 4 inches across. Finest mixed. Pkt.....10c



PANSY

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.

Pansy

Giant (Viola Tricolor Maxima) (H.P.)

If you want the grandest display, the most striking colors, the most perfect flowers, try these; we know a trial will please you (*See illustration.*)

- 2665—ADONIS. Light blue, with deep blue blotches on lower petals. Pkt. 10c.
 2666—EMPEROR FRANZ JOSEPH. A new large white with violet spots. Pkt. 10c.
 2667—FIRE KING. Lower petals golden blotched magenta, upper petals purple, very showy. Pkt. 10c.
 2668—GOLDEN QUEEN. Pure deep yellow, no eye. Pkt. 10c.
 2669—INDIGO BLUE. Very rich blue. Pkt. 10c.
 2670—MADAME PERRET. Wine shade on white ground, very showy. Pkt. 10c.
 2671—PRINCE BISMARCK. Light brown, black eye, very showy. Pkt. 10c.
 2673—MCKENZIE'S GIANT. MIXED. Gorgeous shades and colors. Pkt. 10c.

Giant Mixtures

The undermentioned varieties of Pansies are so well known that the sale reaches huge proportions and continues to increase each year.

- 2677—BUGNOT'S LARGE BLOTCHED. A very beautiful class, large flowers, with broad blotches. Pkt. 10c.
 2678—BUGNOT'S PRIVATE STRAIN. Saved from best selected plants, producing many beautiful and rare varieties. Pkt. 15c.
 2679—CASSIER'S GIANT. The largest of all blotched Pansies; very showy. Pkt. 10c.
 2680—PARISIAN LARGE STAINED. Of immense size, mostly white ground and fine blotched. Pkt. 10c.
 2681—MASTERPIECE. A superb new class of blotched Pansies, the flowers are gigantic and are invariably ruffled or undulated; a decidedly attractive race. Pkt. 15c.
 2682—ENGLISH PRIZE SHOW. A very choice strain. Pkt. 10c.
See also Page 79

Giant Trimardeau

This strain is recognized as one of the most beautiful and varied pansies ever introduced. The flowers are beautifully gold-edged, blotched and pencilled in the most delicate shades. The Trimardeaus are exceptionally showy, of vigorous and compact growth and the flowers are of immense size.

- 2674—White with purple eye. Pkt. 10c.
 2675—Yellow with black eye. Pkt. 10c.
 2676—MCKENZIE'S. Finest mixed. Pkt. 10c. ¼ Oz. 40c.
See also page 79

Poppy (Papaver) Gorgeous and Dazzling

Poppies are easily grown, but should, whenever possible, be sown where they are intended to flower, as they do not stand transplanting successfully.

Single Annual

- 2768—ADMIRAL. (Pæony Flowered) white with broad brilliant scarlet band, very effective. Pkt. 10c.
 2769—BURBANK'S NEW SANTA ROSA. (Shirley) finest mixed, a magnificent strain and will give a most pleasing display of gorgeous brilliant blooms. Pkt. 10c. ¼ Oz. 25c. (*See Illustration.*)

Double Annual

- 2782—ARIEL (Pæony Flowered). A charming early variety; color salmon red on white ground, outer petals garnished at the base with a lilac blotch. Pkt. 10c.
See also Page 79



POPPY. BURBANK'S NEW SANTA ROSA

Petunia

Rich, Beautiful Flowers

Some of the most magnificent types of petunia ever grown are found right in the West. They give a constant supply of the richest and most brilliant flowers of gigantic size, many measuring 5 inches across, from earliest summer until late frost. Beautifully fringed and ruffled, the diversity of color, plain and in unlimited combinations, ranges from pure white to deepest maroon. Sow indoors or in open very early in the spring, exercising care to cover seed lightly, for if sown too deep they will not grow.

- 2723—MCKENZIE'S GIANT SINGLE FRINGED. Choice mixed. Pkt. 25c.
 2724—MCKENZIE'S GIANT DOUBLE FRINGED. Choice mixed. Pkt. 25c.

See also Page 79

Phlox Drummondii

One of the Easiest Flowers to Grow

The "Grandiflora" types produce large flowers, but the habit is straggly compared with the "Nana Compacta," which is dwarf and forms compact and well-shaped plants, profusely decorated with a mass of blooms. This Half Hardy Annual is easy to grow, thriving in any good garden soil, but prefers plenty of sunshine. (See illustration.)

2731—DRUMMONDI GRANDIFLORA CHAMOIS. Rose with white eye, a charming flower. Pkt. 10c.

2732—DRUMMONDI GRANDIFLORA KERMESINA SPLENDENS. Vivid crimson, very bright and effective. Pkt. 10c.

2734—DRUMMONDI GRANDIFLORA SNOW WHITE. A pure white of good substance. Pkt. 10c.

2735—DRUMMONDI GRANDIFLORA. FINEST MIXED. ¼ oz. 25c. Pkt. 10c.

2741—NANA COMPACTA CINNABRINA. A brilliant scarlet self. Pkt. 10c.

2742—NANA COMPACTA COCCINEA. A glowing fiery red self. Pkt. 10c.

2743—NANA COMPACTA FIREBALL. An extra fine variety, color blood red. Pkt. 10c.

2745—NANA COMPACTA SNOWBALL. A pure white, of good quality. Pkt. 10c.

2746—NANA COMPACTA SPLENDENS. A bright crimson with a decided white eye. Pkt. 10c.

2747—NANA COMPACTA CHOICE MIXED. ¼ Oz. 25c. pkt. 10c.

Ricinus Zanzibarensis

(Castor Oil Plant) Ornamental and Useful

A very attractive tall growing, branching plant of vigorous habit; foliage bronze color changing to dark green, red ribs. Plants are surmounted by large spikes of flowers and brilliantly colored seed pods. Height 8 to 10 feet. Highly recommended as a decorative plant, singly or in bed centres, giving a rich tropical effect. Seeds should be planted in May or sown singly in pots in early Spring, and afterwards transplanted.

2832—MIXED. Oz. 25c. pkt. 10c.

Schizanthus

(Butterfly Flower) Wisetonensis Hybrids

The many delicate colorings enhance the beauty of the flower with their delicate cut or fringed petals. There are many varied colors. When in full flower the foliage is practically hidden with the innumerable butterfly-like blooms which range in color from pure white to crimson and mauve, all having distinct blotches to a harmonizing shade. Makes an excellent pot plant, is suitable for decorative purposes as well as an effective border plant. The strain we offer of this charming flower is absolutely first class. (See illustration.)

2866—CHOICE MIXED. Pkt. 25c.

See also page 80

Verbena

(McKenzie's Large Flowered)

Decidedly Captivating

One of the dear old flowers that will always be popular both for garden and house. It has no superior for constant flowering, brilliancy and beauty of colors. Verbenas are free flowering hardy annuals of low spreading growth. Single plants in rich soil will cover a space three to four feet in diameter and furnish a profusion of flowers. Fewer plants are better liked and give more satisfaction; strong, healthy and vigorous. By sowing inside and transplanting, you get a very early bloom continuing until after first frost.

3092—McKENZIE'S LARGE FLOWERED. STRIPED COLORS. Pkt. 10c.

3094—McKENZIE'S LARGE FLOWERED. WHITE. Pkt. 10c.

3097—McKENZIE'S LARGE FLOWERED. CHOICE MIXED. Pkt. 10c.

3107—HYBRIDA. LUCIFER. A new intense brilliant scarlet with no eye. Pkt. 10c.

See also page 80

Seed Quality—Every time you see this sign you know it represents the very best quality obtainable in Seeds which are pre-eminent in their respective classes.—Best for the West.



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



PHLOX

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



VERBENA, LARGE FLOWERED

Stock Large Flowering Ten Week

The Largest of all the Large Double Types

The remarkably perfect flowers of this type, produced from one end of the great West to the other, amply substantiates that the Canadian West is an ideal climate for Stocks.

The large double flower, much like a double rose, waxy of texture, varying in colors from white to deep red, has a most delicate fragrance.

It is of compact growing habit, very profuse bloomer, and of extreme hardiness. Seed sown thinly in shallow drills outdoors during May, and when well started, set one foot apart each way, will afford splendid spikes of bloom in profusion during the cool fall months.

We have been most painstaking in the selection of seed, using selected plants, grown in pots, hand fertilized in order to produce seed with the highest percentage of double flowers. (See illustration.)



STOCK

- 2892—LARGE FLOWERING DWARF TEN WEEK. Pure white. Pkt. 10c.
- 2893—LARGE FLOWERING DWARF TEN WEEK. Blood red. Pkt. 10c.
- 2894—LARGE FLOWERING DWARF TEN WEEK. Crimson. Pkt. 10c.
- 2895—LARGE FLOWERING DWARF TEN WEEK. Light blue. Pkt. 10c.
- 2896—LARGE FLOWERING DWARF TEN WEEK. Purple. Pkt. 10c.
- 2897—LARGE FLOWERING DWARF TEN WEEK. Flesh pink. Pkt. 10c.
- 2898—LARGE FLOWERING DWARF TEN WEEK. Scarlet. Pkt. 10c.
- 2899—LARGE FLOWERING DWARF TEN WEEK. Superb mixed. Pkt. 10c.

2900—DWARF TEN WEEK "SNOWFLAKE" the earliest of the whites, excellent for pot culture with spikes of large snow white flowers of superb substance. Pkt. 15c.

2901—PRINCESS ALICE. A perpetual or branching variety with beautiful large spikes. An excellent sort for cutting, and if seed is sown early, will produce a constant supply of blooms throughout the summer. Pkt. 10c

See also page 80

Sweet William

(Dianthus barbatus)

A Beautifully Colored Sweet Scented Flower

A general favorite which should be in every garden. As a border plant, it has few equals, being very showy, especially when planted in clusters, and as the brilliant colored flowers are borne in umbels, the stalks radiating from one point, quite a charming effect is created. Our mixture contains quite an assortment of colors, for besides self, some of the flowers have a striking white eye, surrounded by rose, pink or some other color on the outer portion of the petal. The flowers are very fragrant. The improved forms we offer are much superior to the old types; the individual flowers are larger and more rounded in shape, with colors more distinct and refined. A hardy biennial. 1½ feet high. (See illustration.)

3072—SINGLE PINK BEAUTY. Salmon pink flowers, highly attractive. Pkt. 10c.

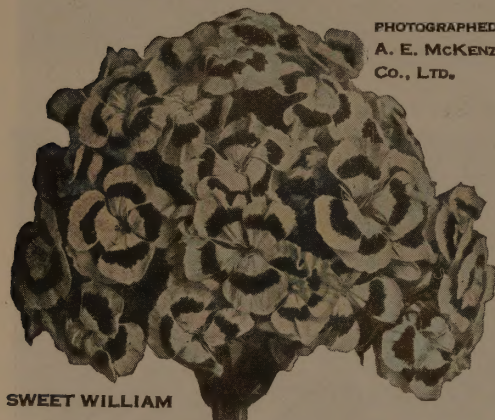
3073—SINGLE SCARLET BEAUTY. A rich scarlet, an exquisite and dazzling color. Pkt. 15c.

3074—SINGLE FINEST MIXED. Oz. 50c, Pkt. 10c.

3075—DOUBLE WHITE. Extra choice strains. Pkt. 10c.

3076—DOUBLE BLOOD RED. Extra choice strains. Pkt. 10c.

3077—DOUBLE MIXED. Well assorted colors. Pkt. 10c.



SWEET WILLIAM

PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



ZINNIA

Zinnia

Perfect Doubles Exquisite Shade Splendid Sizes

No amount of praise is too great for this popular favorite. Flowers throughout the entire summer and early fall, producing an abundance of large double blossoms which are varied and of brilliant colors. Each bloom lasts about six weeks. The Zinnia is a very free grower and of robust habit. Does well under almost any conditions. Each plant blooms in a striking manner and a complete mass of bloom at all times. For perfect doubleness, splendid size, variety and shades, are unsurpassed. (See illustration.)

3159—MCKENZIE'S MAMMOTH FLOWERED. Choice double mixed. Pkt. 10c.

LILLIPUT. The small neat pom-pom flowers arranged on miniature bushes of compact habit are very showy.

3161—DOUBLE FINEST MIXED. Pkt. 10c.

3162—NEW DOUBLE GIANT PICOTEE. Mixed. Pkt. 10c.

3163—NEW DOUBLE GIANT QUILLED. BRONZE KING. Pkt. 10c

See also page 80

[PHOTOGRAPHED BY A. E. MCKENZIE CO., LTD.



5. A BORDER OF ZINNIAS

You may not have given it a thought — but call it what you will, a home in a garden is more than a house in a vacant lot.

If you want a good show of color, try large beds of Zinnias or Marigolds.

McKenzie's Superior Flower Seeds—Best for the West



ABUTILON



ASTER



BEGONIA



BRACHYCOME



CANNA

ABBREVIATIONS. The undernoted initials bear the following significations: H.A.—Hardy Annuals. H.H.A.—Half Hardy Annuals. H.P.—Hardy Perennials. H.H.P.—Half Hardy Perennials. H.C.—Hardy Climbers. H.H.C.—Half Hardy Climbers. H.B.—Hardy Biennials. G.P.—Green house Plants.

ABRONIA (Sand Verbena) (H.H.A.) A charming trailing plant suitable for hanging baskets and rockwork. Flowers of a rose pink color. Sweet scented, July-August.

1601—Umbellata grandiflora.....Pkt. **.10**

ABUTILON (Chinese Bell Flower) (G.P.) The bell-shaped flowers vary in color from pure white, orange and rose, blooms profusely; of easy culture. From early spring sowing plants will flower first season. March-October.

1606—Finest Mixed.....Pkt. **.10**

ACROCLINIUM (H.A.) A popular "Everlasting," greatly esteemed for winter bouquet work. The flowers should be gathered young; 1 ft. July-Sept.

1621—Album. Single white.....Pkt. **.10**

1622—Roseum. Single rose.....Pkt. **.10**

1623—Mixed. Single.....Pkt. **.10**

ADONIS (Flos Jovis or Pheasant's Eye) (H.A.) Of easy culture, flowers deep crimson; a free bloomer; 1 ft. July-Aug.

1628—Festivalis.....Pkt. **.10**

AGERATUM (Floss Flowers) (H.H.A.) A very useful bedding plant, suitable for edging, lasts in flower a long time; does not fade; 6-12 inches. July-Sept.

1633—Mexicanum. Blue.....Pkt. **.10**

1634—Mexicanum album. White.....Pkt. **.10**

AGROSTEMMA (Rose of Heaven) (H.A.) Very attractive rose colored flowers of easy culture; 1 ft. July-Aug.

1641—Caeli rosa.....Pkt. **.10**

AMARANTHUS (H.A.) Brilliant foliage plants bearing curious racemes of flowers with leaves of varied colors; a striking contrast and very effective; should be grown in a sunny situation; 3-4 ft. July-Sept.

1653—Caudatus (Love Lies Bleeding) Drooping panicles of deep crimson flowers. Pkt. **.10**

1654—Tricolor Splendens (Joseph's Coat) Foliage red, yellow and green.....Pkt. **.10**

1655—Mixed.....Oz. **25**, Pkt. **.10**

AMPELOPSIS VEITCHII

1650—(Japan or Boston Ivy) A hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green brownish color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size.....Pkt. **.10**

ANAGALIS (Pimpernelle) grandiflora (H.H.A.) The small flowers are very attractive. Fine for edging, pots, etc.; 6 inches. July-Sept.

1660—Finest Mixed.....Pkt. **.10**

ANTHEMIS (Hardy Marguerite) (H.P.) A very free flowering border plant. Useful for table decoration, flowers golden yellow; 1 1/2 ft. July-Sept.

1676—Kelwayi.....Pkt. **.10**

AQUILEGIA (Columbine) (H.P.)

1700—Chrysantha. Golden yellow, long spurred, single.....Pkt. **.10**

1701—Skinneri. Yellow, green, orange; single.....Pkt. **.10**

1703—Double Mixed. Contains a wide range of colors.....Pkt. **.10**

ARCTOTIS (African Daisy) (H.A.) Of handsome appearance the flowers are large and floriferous and are borne on long stems well above the foliage; color pure white on the upper surface; the reverse side is a pale lilac with a yellow zone in centre; 1 1/2 ft. July-Sept.

1713—Grandis.....Pkt. **.10**

ASPERULA. Adapted for rockeries and borders and succeeds best in shady situations. The leaves when dried impart a hay-like scent and will keep the insects from clothes; 6-12 inches. July-Aug.

1733—Azorea setosa (H.A.) The small fragrant lavender flowers combined with graceful and light foliage make it prized for cutting.....Pkt. **.10**

1738—Odorata (Sweet Woodruff) (H.P.) An old favorite esteemed for its fragrant leaves, flowers pure white.....Pkt. **.10**

ASTER (H.H.A.) One of the most popular bedding plants in cultivation, suitable for decorative purposes, with a fine array of color; 6 inches to 2 ft. July-Sept.

Vick's Branching. Resembles the Pæony flowered, of vigorous habit; the blooms are large and graceful, making them suitable for cutting; 18 inches.

1803—Finest Mixed.....Pkt. **.10**

Queen of the Market. The earliest flowering variety, ready to cut two weeks before any other; of branching habit, flowers large and prolific bloomer; excellent for growing under glass; 1 1/2 ft.

1805—Finest Mixed.....Pkt. **.10**

Washington or Giant Victoria. Resembles Victoria but larger, with petals more loosely arranged. Flowers average 5 inches in diameter. A superb variety; 1 1/2 ft.

1813—Finest Mixed.....Pkt. **.10**

Japanese or Tassel. A charming variety of the Chrysanthemum flowered type. Immense double flowers, petals long, narrow and twisted; 15 inches high.

1828—Finest Mixed.....Pkt. **.10**

Chrysanthemum Flowered Dwarf. Producing large perfect, double flowers; 1 ft.

1833—Finest Mixed.....Pkt. **.10**

Mignon. A small type of Victoria, extremely floriferous, fine for cutting; 1 ft.

1835—Finest Mixed.....Pkt. **.10**

Betteridge's Prize Quilled. Large double flowers, distinct; 2 ft.

Sinensis Single. Strikingly effective and increasing in popularity each year as a contrast to the double varieties. Flowers produced on long stems, suitable for decorative work 1 1/2 ft.

1845—Finest Mixed.....Pkt. **.10**

AUBRETIA (H.P.) A pretty dwarf hardy Alpine plant, producing clusters of rosy carmine flowers; 4 inches. June-July.

1870—Leichtlini.....Pkt. **.15**

AURICULA (H.P.) Saved from prize strain. Very popular bedding and pot plant. Flowers produced in umbels; 6 inches.

1865—Extra choice mixed. June-July.....Pkt. **.25**

BEET (H.H.A.) Their attractive foliage adds lustre to a flower border.

1891—Ornamental Chilean scarlet.....Pkt. **.10**

1892—Ornamental Chilean yellow.....Pkt. **.10**

BACHELOR'S BUTTON. See Centaurea Cyanus.

BEGONIA (H.H.P.) Unquestionably one of the most attractive bedding and pot plants, remaining in bloom throughout the summer. Sow seed under glass in February for flowering in July; 1 ft. July-Sept.

1897—Tuberous rooted. Single choice mixed.....Pkt. **.15**

1898—Tuberous rooted. Double choice mixed.....Pkt. **.25**

1899—Gracilis. McKenzie's Special Mixture.....Pkt. **.15**

1900—Semperflorens Vernon. Charming blood red flowers with dark foliage...Pkt. **.15**

1901—Rex. Ornamental foliage of red, bronze, green, etc.....Pkt. **.50**

BELLIS PERENNIS (Double English Daisy) (H.P.) Invaluable for border edging. If sown early will bloom same season. 4 inches. June-Sept.

1906—Mammoth White. Double.....Pkt. **.10**

1907—Longfellow. Double rose.....Pkt. **.10**

1908—Double Mixed.....Pkt. **.10**

1909—Double Quilled. Mixed. The petals are elegantly twisted, making the flowers very attractive.....Pkt. **.25**

BRACHYCOMBE (Swan River Daisy) (H.A.) Useful border plant, flowers white and blue, 6 inches. July-Sept.

1914—Iberidifolia. Mixed.....Pkt. **.10**

BROWALLIA (Amethyst) (H.A.) Grows freely, abundant bloomer, flowers white, blue and purple, with glossy foliage; 1 1/2 ft. July-Aug.

1919—Elata.....Pkt. **.10**

CALCEOLARIA (Slipper Flower) (G.A.) An unrivalled strain. The flower heads are large and well developed, of exquisite shades. Mostly self spotted and striped. Plants are well shaped, and flower profusely throughout spring and summer; 1 ft. May-Nov.

1929—McKenzie's Superb Mixture.....Pkt. **.50**

CALENDULA (Pot Marigold) (H.A.) Makes a very fine border plant; universally popular. Flowers are large and striking. 1-1 1/2 ft. July-Sept.

1935—Officialis fl. pl. Meteor, double yellow, striped lemon.....Pkt. **.10**

1936—Officialis fl. pl. Prince of Orange. A darker shade than Meteor.....Pkt. **.10**

1937—Officialis fl. pl. A choice double strain mixed.....Pkt. **.10**

CALIFORNIA POPPY. (See Eschscholtzia.)

CALLIOPSIS (H.A.) Popular border plant, useful for cutting; flowers all summer. 2 ft. July-Sept.

1943—Tinctoria. Golden yellow.....Pkt. **.10**

1944—Golden Ray New and distinct; flowers bright brown and golden yellow, bushes compact and generally covered with a dense mass of bloom.....Pkt. **.10**

1945—Star of Fire. A brilliant Tom Thumb variety growing 12 inches high, covered with fiery-red Cactus-shaped flowers.....Pkt. **.10**

1946—Fire King. Rich crimson flowers.....Pkt. **.10**

CAMPANULA (Harebell) (H.P.) One of the most popular of the hardy border plants, and should be included in all herbaceous beds.

1949—Carpatia, blue, broadly bell-shaped; in loose panicles. 12 inches. July-Sept.....Pkt. **.10**

1950—Carpatia alba. White.....Pkt. **.10**

1951—Macrantha. Blue, a hybrid form with hairy stems 3 ft. July-Aug.....Pkt. **.10**

1955—Pyramidalis. A most beautiful and stately blue flower. Suitable for pot or garden culture; 3 ft. July-Sept.....Pkt. **.10**

1956—Pyramidalis alba. The white form of the preceding; 3 ft. July-Sept.....Pkt. **.10**

CANARY BIRD CREEPER (H.C.) An annual climber of merit, a quick grower, with canary yellow butterfly-like flowers. July-Sept.

1959—Canariensis.....Oz. **30**, Pkt. **.10**

CANNA (Indian Shot) (H.H.P.) Highly effective when planted in clumps or groups; also adapted for pot culture. 3-6 ft. Aug-Sept.

1974—Choicest Mixed.....Pkt. **.10**



CINERARIA



FOXGLOVE



GERANIUM



HELIOTROPE



LANTANA

CANTERBURY BELL (H.B.) Very effective in borders. If sown early under glass will flower first season; 3 ft. July-Sept.

1982—Single Mixed. A variety of color. Pkt. .10

CARDIOSPERMUM (Balloon Vine) (H.C.) A rapid annual climber. Flowers are white, followed by seed pods which are balloon-shaped. Prefers a warm sunny situation. July-Sept.

1985—Halicacabum. Pkt. .10

CASTOR OIL PLANT. See Ricinus.

CENTAUREA. These are classified as hardy annuals and perennials. Very effective in the garden. 1½ ft. July-Sept.

2011—Americana (H.A.) Easily the largest flowered of all. Flowers measure 3 inches or more in diameter and of an attractive shade of lilac. Worthy of a place in all gardens. Pkt. .10

2012—Americana alba. Same as preceding except in color. Creamy white flowers. Pkt. .10

Cyanus Minor (Bachelor's Button) (H.A.) Single flowers, adapted for cutting.

2013—Emperor William (H.A.) Bright blue (sky). Pkt. .10

2014—Mixed. Pkt. .10

CHRYSANthemUM. The single and double form of this popular annual are always in great request as a cut flower. For flower beds they are invaluable. The annual varieties must not be confounded with the autumn flowering or perennial sorts.

2020—Tricolor atrococcineum (H.A.) Dark scarlet flowers; 2 ft. July-Sept. Pkt. .10

2021—Tricolor Burridgeanum (Lord Beaconsfield) (H.A.) White and rose. 2 ft. July-Sept. Pkt. .10

2022—Tricolor Eclipse (Chameleon) (H.A.) A light coppery bronze, with a bright purplish crimson zone, the blackish purple disc encircled with golden yellow; 2 ft. July-Sept. Pkt. .10

2023—Frutescens (Paris Daisy or Marguerite) (H.H.P.) An established favorite; flowers on slender erect stems, with pure white ray florets surrounding a yellow disc; 2 ft. July-Sept. Pkt. .10

2025—Maximum (Shasta Daisy) (H.P.) Suitable for herbaceous border. Flowers are large, pure white with yellow disc, edge of petals notched. Useful for table decoration. 3 ft. July-Sept. Pkt. .10

2026—McKenzie's early single perennial. A great Western favorite. (H.P.) Pkt. .10

CINERARIA HYBRIDA. A greenhouse annual, greatly in demand as a pot plant in the spring; used for decorative purposes. This mixture contains a large variety of color; all shades of white, violet, blue and crimson. Cannot be excelled for size and quality; 1 ft. March-April.

2031—McKenzie's large flowered prize strain, mixed. Pkt. .50

2036—Stellata (Star Cineraria) (G.P.) This miniature form is hard to beat for cutting and all kinds of decorative work. Blooms freely, and for gracefulness is incomparable; 1½ ft. Nov.-April. Finest Mixed. Pkt. .50

CLARKIA (H.A.) Very popular and fine for cutting. Colors: white, rose and purple; 1½ ft. July-Sept.

2041—Pulchella. Single Mixed. Pkt. .10

2042—Elegans. Double Mixed. Pkt. .10

COBÆA (Mexican Ivy) (H.H.P.) A rapid perennial climber, which easily attains the height of 20 to 30 ft. Flowers are blue, large and bell-shaped. Most attractive. Can be treated as a half hardy annual. July-Sept.

2047—Scandens. Pkt. .10

COLEUS (H.H.P.) Leaves richly variegated. Ornamental foliage plant; 1-3 ft.

2052—Finest Mixed. Pkt. .15

COLLINSIA BICOLOR (H.A.) Suitable for bedding. Shades of white, violet and blue. 1 ft. July-Sept.

2057—Mixed. Pkt. .10

CONVOLVULUS (Climbing Morning Glory) (H.A.) The well-known climber of rapid growth. Essentially the plant for covering walls or unsightly places. Flowers profusely. June-Sept.

2062—Major Mixed. Pkt. .10

2063—Minor Mixed (Dwarf Morning Glory) (H.A.) 1 ft. June-Sept. Pkt. .10

2064—Mauritanicus (H.P.) A beautiful trailing plant, suitable for hanging baskets. 1 ft. July-Sept. Pkt. .10

CORNFLOWER. See Centaurea Cyanus.

COSMOS (H.A.) This popular flower comes into bloom when other flowers are on the wane, and thus increases the duration of brilliancy of colors in the garden. Flowers are large and produced on long stems, and are suitable for decorative purposes; 4-5 ft. Aug.-Sept. (See also page 68.)

2074—Lady Lennox. Immense flowers, measuring frequently 4 to 5 inches in diameter; color a beautiful shell pink, of good substance. Pkt. .10

2075—Extra Early Flowering. An improved strain which by careful selection will produce flowers in August, and will continue to flower until frost arrives. All shades of red and white. Pkt. .10

CYPRESS VINE. See Ipomœa.

DAHLIA (H.H.P.) A very attractive plant producing a constant supply of flowers from Aug.-Sept., 3-5 ft.

2086—Double, choice mixed. Pkt. .10

2087—Cactus, choice mixed. Pkt. .15

2088—Pompon, choice mixed. Pkt. .10

2089—Single, choice mixed. Pkt. .10

Giant Perfection. Large and graceful. In great request for table decoration.

2091—Single, choice mixed. Pkt. .10

DAISY. English. See Bellis Perennis.

Shasta. See Chrysanthemum maximum.

DIGITALIS (Foxglove) (H.B.) Gloxiniceflora, suitable for border; 4 ft. July-Sept.

2142—Choicest Mixed. Pkt. .10

DOLICHOS (Hyacinth Bean) (H.A.) A rapid climber with cluster of bean-like flowers. Aug.-Sept.

2162—Mixed. Pkt. .10

ERYSIMUM (H.A.) Charming dwarf annual, bright reddish orange flowers with lance-shaped leaves; 1 ft. July-Aug.

2177—Perofskianum. Pkt. .10

EDELWEISS. See Gnaphalium.

EVERLASTING. See Helichrysum.

2480—Evening Scented Stock. See Matthiola.

FUCHSIA (G.P.) Suitable for the house or shady border, pendant flowers; 3-8 ft. March-Oct.

2217—Single and double choicest mixed. Pkt. .25

FLAX. See Linum.

FORGET-ME-NOT. See Myosotis.

FOUR O'CLOCK. See Marvel of Peru.

FOXGLOVE. See Digitalis.

GERANIUM (Crane's Bill) (G.P.) The well-known pot plant; 1-3 ft. May-Nov.

2235—Apple scented. Leaves very odoriferous. Pkt. .25

2236—Zonale. Fine mixed. Pkt. .10

2237—New Large Flowering or Show (Pelargonium) Choicest mixed. Pkt. .25

GERBERA (Transvaal Daisy) Jamesoni hybrids (G.P.) One of the latest floral novelties, unprecedented for its beauty; colors range from pure white to yellow, orange, pink, scarlet and crimson. Flowers are produced on long stems and last in bloom two weeks after cutting. Distinctly an artistic ornament for the table. Will flower first season if sown early; 1-1½ ft. July-Sept.

2242—Choicest Mixed. Pkt. .50

GEUM (H.P.) An excellent border plant with dark crimson flowers; 1 ft. July-Sept.

2247—Atrosanguineum fl. pl. Pkt. .10

GILIA (H.A.) Shades of lavender, yellow and white, useful for beds; 1 ft. July-Sept.

2252—Tricolor. Dwarf mixed. Pkt. .10

GNAPHALIUM (Edelweiss) (H.P.) An Alpine plant suitable for rock work. The Swiss national flower; 6-9 inches.

2267—Leontopodium. Pkt. .15

GOURDS (Cucurbita) ornamental (H.A.) Vines of rapid growth, suitable for covering verandahs, arbors, etc.

2282—Dipper. Very useful. Pkt. .10

2283—Hercules Club. Long, tapering towards the stem end. Pkt. .10

2284—Japanese Nest Egg. Useful, color white. Pkt. .10

2285—Mixed. Pkt. .10

HELIOTROPE (Cherry Pie) (H.H.P.) Mammoth Flowering. The well-known fragrant flower; the heads frequently measure 12 inches in diameter. Seed sown early will produce flowers in the summer; 2 ft. Aug.-Sept.

2318—Choice Mixed. Pkt. .10

HESPERIS. See Sweet Rocket.

HONESTY (Lunaria biennis) (H.B.) Very ornamental, much prized for decorative purposes, the silvery seed pods give a charming effect when interspersed in a bouquet; 2 ft. July-Aug.

2342—Choice Mixed. Pkt. .10

HUMULUS (Japanese Variegated Hop) (H.A.) A rapid hardy climber suitable for covering verandahs, logs of wood, etc. Flowers greenish yellow; 15 ft. July-Sept.

2347—Japonicus variegatus, Oz. 50. Pkt. .10

HUNNEMANNIA (Giant Yellow Tulip Poppy) (H.A.) This variety is the most prolific of all the Poppy family. A succession of bloom can be assured from May sowings, commencing about the middle of July and continuing until late in the fall. Flowers are cup shaped, large, golden yellow and very attractive, the colorings of the wavy petals being enhanced by the clusters of bright orange red stamens in the centre; 2 ft. July-Sept.

2352—Fumaricefolia. Pkt. .10

HYACINTH BEAN. See Dolichos.

IBERIS (Hardy Candytuft) (H.P.) An excellent rock or border plant with a mass of small delicate lilac flowers which bloom in early spring. June-July.

2357—Gibraltarica. Pkt. .10

ICE PLANT. See Mesembryanthemum crystallinum.

KAULFUSSIA (H.A.) A charming border plant with deep blue ray florets encircling a blue or yellow disc, 12 inches. July-Sept.

2376—Amelloides. Pkt. .10

LANTANA hybrids (H.H.P.) Suitable as a pot or bedding plant. Flower heads of verberna-like shape in shades of orange, white, rose, etc.; 2 ft. July-Sept.

2386—Choicest Mixed. Pkt. .10

LARKSPUR (H.A.) A most desirable flower in the garden. The handsome spikes of closely formed flowers produced in brilliant hues demonstrate its value as a showy border plant; 1-2 ft. July-Sept.

2391—Dwarf Double Rocket. A splendid array of colors. Choice Mixed. Pkt. .10

2392—Double Stock Flowered or Tall Branching. An unsurpassable strain of amazing beauty. Choice Mixed. Pkt. .10

2393—Dwarf Candelabrum. Fine double mixed. Pkt. .10

LATHYRUS (Everlasting Pea) (H.P.) A very free growing climber, blooms profusely, flowers odorless; 6-8 ft. July-Sept.

2398—Latifolius mixed. Pkt. .10



MARVEL OF PERU



NEMOPHILA



NIGELLA



PANSY



PRIMULA

LAVATERA (Tree Mallow) (H.A.) Very showy border plant with large saucer-shaped flowers in red and white; 2 ft. July-Aug.

2405—*Splendens Sunset*.....Pkt. .10
2404—Mixed.....Pkt. .10

LEMON VERBENA. See *Verbena*.

LEPTOSIPHON French Hybrids (H.A.) An attractive border plant suitable for edgings, all shades of color; 9 inches. July-Sept.

2409—Mixed.....Pkt. .10

LINARIA (Toadflax) (H.A.) A charming border plant, flowers golden yellow and purple, the contrast between the two colors having a pleasing effect; dwarf habit; 2-4 ft. July-Sept.

2414—*Reticulata aurea purpurea*....Pkt. .10

2415—*Cymbalaria* (Kenilworth Ivy or Mother of Thousands) (H.P.) A graceful dwarf trailing plant with branches 2 ft. long, suitable for hanging baskets, vases, etc.; flowers lavender and purple with yellow centre, and short spurs. July-Sept.....Pkt. .10

LOBELIA. The most effective of all border plants for edging and carpet bedding. Plants are compact and free flowering, remaining in bloom all the summer; 4-12 inches.

2428—*Emperor William* (H.H.A.) Light blue, compact.....Pkt. .10

2429—*White Gem* (H.H.A.) White.....Pkt. .10

2430—*Cardinalis* (H.H.P.) The dazzling scarlet flowers immediately attract attention in a flower border; 1 ft. July-Aug.....Pkt. .15

LOVE'S GROVE. See *Nemophila*.

LOVE IN A MIST. See *Nigella hispanica*.

LOVE LIES BLEEDING. See *Amaranthus caudatus*.

LUNARIA BIENNIS. See *Honesty*.

LYCHNIS (Campion) (H.P.) An herbaceous plant of merit; 2-3 ft. June-Sept.

2445—*Chalcedonica*. Dazzling scarlet flowers.....Pkt. .10

2446—*Haageana Hybrids*. Extra large flowers, shades of scarlet, orange, etc., superior strain.....Pkt. .10

MALOE (H.A.) An excellent bedding plant; 2 ft. July-Aug.

2451—*Grandiflora*. Mixed.....Pkt. .10

MARVEL OF PERU (Four o'clock) (H.A.) A bushy plant, bright, attractive flowers; 2 ft. June-Aug.

2469—*Choice Mixed*.....Oz. 25, pkt. .10

2470—*Variegated leaves*. *Choice Mixed*.....Pkt. .10

MATTHIOLA (Evening Scented Stock) (H.A.) Flowers of lilac shade usually fragrant in the evening; 1 ft. July-Aug.

2480—*Bicornis*.....Pkt. .10

MESEMBRYANTHEMUM (Ice Plant, H.H.A.) Dwarf trailing plants with icy-looking foliage, flowers white; requires plenty of sun; 6 inches. July-Aug.

2485—*Crystallinum*.....Pkt. .10

MIMOSA (Sensitive Plant) (H.H.A.) A peculiar plant which closes its leaves at the slightest touch. Flowers pink; 1½ ft. July-Sept.

2500—*Pudica*.....Pkt. .10

MIMULUS (Musk) (H.H.P.) Small yellow flowers with fragrant foliage; 6 inches. July-Sept.

2505—*Moschatus*.....Pkt. .10

2510—*Tigrinus grandiflorus* (Monkey Flower) Large mottled flowers, suitable for pots, rockeries, etc. Prefers a damp situation. 6 inches. July-Sept.....Pkt. .10

MOMORDICA (Balsam Apple) (H.H.A.) A rapid climber, producing apple-shaped fruits; 15 ft. Sept.

2515—*Balsamina*.....Pkt. .10

MOON FLOWER. See *Ipomoea*.

MORNING GLORY. See *Ipomoea* and *Convolvulus*.

MONKEY FLOWER. See *Mimulus*.

MOURNING BRIDE. See *Scabious*.

MUSK. See *Mimulus*.

NEMOPHILA (Love Grove) (H.A.) Compact habit, much valued for their gay appearance; 6-12 in. July-Sept.

2620—*Fine Mixed*.....Pkt. .10

NICOTIANA (Tobacco Plant) (H.H.A.)

2625—*Affinis*. White, sweet scented; 2-3 ft. July-Sept.....Pkt. .10

2627—*Sanderæ*. A bright carmine, quite distinct.....Pkt. .10

NIGELLA (Love in a Mist) *Hispanica* (H.A.) The blue and white flowers have a peculiar appearance. Foliage feathery green; 1-2 ft. July-Aug.

2631—*Mixed*.....Pkt. .10

NOLANA (Chilian Bell Flower) (H.A.) A dwarf growing plant of procumbent form. Flowers funnel-shaped, of a beautiful blue color, white in the centre. Suitable for pot and border culture; 6 inches. July-Sept.

2637—*Grandiflora*.....Pkt. .10

OENOTHERA (Evening Primrose) (H.A.) Fine bushy plants, showy and free flowering; 9-12 inches. July-Sept.

2642—*Rosea Mexicana*. The smallest of the species, flowers rose color, usually more expanded early in the morning and late in the evening.....Pkt. .10

2647—*Taraxacifolia alba* (Acaulis) Large white flowers, with narrow tube, becoming red with age.....Pkt. .10

ORNAMENTAL GRASSES

In Large demand for Bouquet work, and Ornamental in the Garden

AGROSTIS (H.A.) Very graceful panicles of flowers; one of the best for bouquet work; 1 ft.

2652—*Nebulosa*.....Pkt. .10

BRIZA (Quaking Grass) (H.A.) A graceful species for bouquets with spikelets of straw color, hanging gracefully at the end of long stems; 1 ft.

2654—*Maxima*.....Pkt. .10

COIX (Job's Tears) (H.A.) Small pearly seed heads standing above the broad foliage; 2 ft.

2656—*Lachryma*.....Pkt. .10

HORDEUM (Squirrel tail grass) Very graceful and feathery, useful for winter decoration; 1½ ft.

2651—*Jubatum*.....Pkt. .10

ORNAMENTAL GRASSES. The foregoing collection.

2661—*Mixed*.....Pkt. .10

PANSIES.

Bedding Varieties

2695—*Emperor William*. Cornflower blue with three purple violet blotches, very fine. Pkt. .10

2696—*Gold Margined*. Very fine.....Pkt. .10

2697—*King of the Blacks*. A lustrous jet black; an extra fine strain.....Pkt. .10

2698—*Lord Beaconsfield*. A purple violet, top petals white; splendid.....Pkt. .10

2699—*President Carnot*. White, each petal blotched, violet, very fine.....Pkt. .10

2700—*Striped and Mottled*. An extra fine strain.....Pkt. .10

2701—*Victoria*. A wine-red, a superb color. Pkt. .10

2702—*Fine mixed*. Highly recommended. Pkt. .10

2703—*Choice Mixed*. Pkt. .10

2704—*Choice Mixed*. Pkt. .10

2705—*Choice Mixed*. Pkt. .10

2706—*Choice Mixed*. Pkt. .10

2707—*Choice Mixed*. Pkt. .10

2708—*Choice Mixed*. Pkt. .10

2709—*Choice Mixed*. Pkt. .10

2710—*Choice Mixed*. Pkt. .10

2711—*Choice Mixed*. Pkt. .10

2712—*Choice Mixed*. Pkt. .10

2713—*Choice Mixed*. Pkt. .10

2714—*Choice Mixed*. Pkt. .10

2715—*Choice Mixed*. Pkt. .10

2716—*Choice Mixed*. Pkt. .10

2717—*Choice Mixed*. Pkt. .10

2718—*Choice Mixed*. Pkt. .10

2719—*Choice Mixed*. Pkt. .10

2720—*Choice Mixed*. Pkt. .10

2721—*Choice Mixed*. Pkt. .10

PETUNIA (H.H.P.) The bedding varieties are always popular, as they last for a long time in bloom, and flower profusely. Plants are dwarf and compact and are suitable for pot culture; 1-3 ft. July-Sept. Hybrid.

A good selection of varied colors.

2718—*Single choice mixed*.....Pkt. .10

2719—*Howard's Star*. Single bicolor, purple and white.....Pkt. .10

2720—*Adonis*. Carmine with white throat; single.....Pkt. .10

2721—*Snowball*. Pure white, single. Pkt. .10

2722—*Dwarf Inimitable*. Striped and blotched, very effective.....Pkt. .10

PHLOX (H.H.A.) A popular bedding plant. 1-1½ ft. July-Sept.

2750—*Drummond's mixed*. A good strain. Pkt. .10

2751—*Cuspidata* (Star Phlox) *Choice mixed*. Pkt. .10

2752—*Perennials* (H.P.) Saved from large flowered varieties. Finest mixed.....Pkt. .10

PIMPERNELLE. See *Anagallis*.

PINKS. See *Dianthus*.

PLATYCODON (Japanese Bell Flower) (H.P.)

Very graceful and charming flowers. Immensely attractive when planted in mixed borders; 1½ ft. July-Sept.

2708—*Grandiflora*. Blue.....Pkt. .10

2709—*Grandiflora alba*. White.....Pkt. .15

2710—*Grandiflora Mariesi*. Large, open, bell-shaped, deep blue flowers.....Pkt. .15

POLYANTHUS (H.P.) A popular border plant; blooms in umbels in early spring; 6 inches. June-July.

2762—*Gold laced*.....Pkt. .10

POPPY. No other flower produces such vivid and dazzling colors. Very effective in the border; 1-4 ft. July-Sept.

2763—*Gold laced*.....Pkt. .10

2764—*Gold laced*.....Pkt. .10

2765—*Gold laced*.....Pkt. .10

2766—*Gold laced*.....Pkt. .10

2767—*Gold laced*.....Pkt. .10

2768—*Gold laced*.....Pkt. .10

2769—*Gold laced*.....Pkt. .10

2770—*Gold laced*.....Pkt. .10

2771—*Gold laced*.....Pkt. .10

2772—*Gold laced*.....Pkt. .10

2773—*Gold laced*.....Pkt. .10

2774—*Gold laced*.....Pkt. .10

2775—*Gold laced*.....Pkt. .10

2776—*Gold laced*.....Pkt. .10

2777—*Gold laced*.....Pkt. .10

2778—*Gold laced*.....Pkt. .10

2779—*Gold laced*.....Pkt. .10

2780—*Gold laced*.....Pkt. .10

2781—*Gold laced*.....Pkt. .10

2782—*Gold laced*.....Pkt. .10

2783—*Gold laced*.....Pkt. .10

2784—*Gold laced*.....Pkt. .10

2785—*Gold laced*.....Pkt. .10

2786—*Gold laced*.....Pkt. .10

2787—*Gold laced*.....Pkt. .10

2788—*Gold laced*.....Pkt. .10

2789—*Gold laced*.....Pkt. .10

2790—*Gold laced*.....Pkt. .10

2791—*Gold laced*.....Pkt. .10

2792—*Gold laced*.....Pkt. .10

2793—*Gold laced*.....Pkt. .10

2794—*Gold laced*.....Pkt. .10

2795—*Gold laced*.....Pkt. .10

2796—*Gold laced*.....Pkt. .10

2797—*Gold laced*.....Pkt. .10

2798—*Gold laced*.....Pkt. .10

2799—*Gold laced*.....Pkt. .10

2800—*Gold laced*.....Pkt. .10

2801—*Gold laced*.....Pkt. .10

2802—*Gold laced*.....Pkt. .10

2803—*Gold laced*.....Pkt. .10

2804—*Gold laced*.....Pkt. .10

2805—*Gold laced*.....Pkt. .10

2806—*Gold laced*.....Pkt. .10

2807—*Gold laced*.....Pkt. .10

2808—*Gold laced*.....Pkt. .10

2809—*Gold laced*.....Pkt. .10

2810—*Gold laced*.....Pkt. .10

2811—*Gold laced*.....Pkt. .10

2812—*Gold laced*.....Pkt. .10

2813—*Gold laced*.....Pkt. .10

2814—*Gold laced*.....Pkt. .10

2815—*Gold laced*.....Pkt. .10

PYRETHRUM (Golden Feather) (H.H.P.) An ideal plant for edge of borders. Flowers yellow; grown for its attractive foliage; 6 inches.

2814—Aureum.....Pkt. **.10**

RHODANTHE (Straw Flower) (H.A.) An everlasting. Suitable for bouquets. Plant in border or pots. 1½ ft. July-Aug.

2826—Manglesi. Soft rosy pink with yellow centre.....Pkt. **.10**

2827—Mixed.....Pkt. **.10**

RESEDA. See Mignonette.

ROCKET SWEET. See Hesperis. (Also Sweet Rocket)

RUDBECKIA (Cone Flower) For cutting, these hardy annual and perennial plants would be difficult to excel, the flowers lasting a long time. An excellent border plant, showing up well in mixed borders; 2-5 ft. July-Sept.

2837—Speciosa bicolor (H.A.) Single yellow flowers with blackish purple conical disc. Pkt. **.10**

2839—Golden Glow (H.P.) Increases in popularity each season; flowers large double, of a sulphur-yellow color. Excels for decorative purposes.....Pkt. **.10**

SALPIGLOSSIS grandiflora (H.A.) One of the popular border plants. The large Petunia-shaped flowers, which are richly veined and marked, present a charming sight when planted in clusters; 2 ft. July-Sept.

2844—Choice Mixed.....Pkt. **.10**

SALVIA (Scarlet Sage) (H.H.P.) The dense mass of dazzling scarlet flowers are a source of admiration in the garden. The flowers are produced in sturdy, compact bushes, and at a distance the density of bloom gives a beautiful brilliant effect impossible to describe. Flowers first year from seed sown under glass in Feb. or March 1-3 ft. Aug-Sept.

2849—Bonfire. Erect spikes of bright scarlet flowers.....Pkt. **.10**

2850—Lord Faunteroy. Dwarf, compact bushes, deep red flowers.....Pkt. **.10**

2851—Splendens. A flaming red.....Pkt. **.10**

2852—Patens (Blue Sage) Deep blue flowers. Makes an attractive pot plant; of dwarf habit, quite unique.....Pkt. **.15**

SCABIOSA (Pincushion Flower) (Mourning Bride) Invaluable as a cut flower. Suitable for borders; the flowers are borne on long erect spikes and afford a fine display all summer; 2-3 ft. July-Sept.

2857—Double Large Flowering. (H.A.) Comprises a grand assortment of color. Highly recommended. Mixed.....Pkt. **.10**

2858—Dwarf Double (H.A.) Produces a gorgeous array of flowers. Mixed.....Pkt. **.10**

SCHIZANTHUS (Butterfly Flower, or Poor Man's Orchid) (H.H.A.) Unsurpassed for bouquets and buttonholes, and excels as a border plant. Of branching growth; flowers in profusion; 1-2 ft. July-Sept.

2865—Grahami. Rose colored flowers, underlip yellow tinged with lilac. Very floriferous; a popular shade.....Pkt. **.10**

2867—Large Flowered. Saved from very large flowers of exquisite colors. Finest Mixed.....Pkt. **.10**

SEA LAVENDER. See Statice.

SENSITIVE PLANT. See Mimosa pudica.

SHASTA PLANT. See Chrysanthemum Maxim.

SILENE (Catchfly) (H.A.) A compact plant, producing single and double flowers of extreme beauty and gracefulness; 6 inches. July-Sept.

2872—Pendula compacta, Snow King, pure white, very dwarf.....Pkt. **.10**

2873—Pendula compacta, double, mixed, extra choice.....Pkt. **.10**

SNAPDRAGON. See Antirrhinum.

STATICE (Sea Lavender) (H.P.) A charming perennial border plant, fine for cutting. Flowers will last throughout the winter when dried. Produced in umbels on long stiff stalks; 1 ft. July-Sept.

2885—Incana nana. Pale blue and white, dwarf habit. Mixed.....Pkt. **.10**

2886—Latifolia. Pale lavender, very popular. Pkt. **.10**

STEVIA (H.H.A.) Adapted for pot or border culture. Flowers may be obtained throughout summer and winter. Fine for cutting. 1½-2 ft.

2883—Serrata.....Pkt. **.10**

STOCKS. The well-known bedding and pot plant with densely covered spikes of sweet scented double flowers. The winter flowering varieties may be treated as annuals, and usually have a high percentage of double flowers; 1-2 ft. July-Sept.

Ten Week (H.H.A.) In variety. See page 76.

2907—Beauty of Nice (H.B.) Large beautiful spikes of delicate flesh pink.....Pkt. **.10**

2908—Crimson King (H.B.) Tall long spikes of a splendid rich crimson color.....Pkt. **.10**

2909—Brompton or Winter (H.P.) A superb mixture of double flowers.....Pkt. **.15**

2910—White Lady (H.B.) A large flowering Brompton Stock about 20 inches high, and arrayed in remarkably handsome foliage. Very double flowers of a lustrous snowy white. It blooms early and remains a long time in flower.....Pkt. **.15**

2911—East Lothian (H.B.) An unexcelled strain, with handsome double spikes, flowering in the autumn when the Ten Week Stocks are practically over. Choice mixed.....Pkt. **.15**

STOKESIA (Cornflower Aster) (H.P.) This variety merits attention. It is of easy culture and will flower first year from seed when sown early, but requires a sunny position in the garden. The flowers are invaluable for cutting, measuring 3 inches or more in diameter; of a handsome lavender blue shade. Makes an ideal border plant; 2 ft. Aug-Sept.

2916—Cyanea.....Pkt. **.15**

SUNFLOWER. See Helianthus, page 71.

SWEET PEAS in variety and mixture. See Specialties, pages 59 to 62.

SWEET ROCKET (H.P.) An old fashioned border plant, spikes in colors of white, purple and lilac. Very showy; 2-3 ft. July-Sept.

3062—Mixed.....Pkt. **.10**

SWEET SULTAN (H.A.) Popular hardy bedding plant; flowers freely and lasts fresh a long time in water; of easy culture; very sweet scented; 2-3 ft. July-Sept.

3067—White.....Pkt. **.10**

3068—Dark Purple.....Pkt. **.10**

3069—Yellow.....Pkt. **.10**

THUNBERGIA (Black-eyed Susan) (H.H.A.) A quick grower, but requires a sunny position useful for covering verandahs, suitable for hanging baskets. Various shades of white, yellow and buff; fragrant; 4 ft. July-Sept.

3087—Fine Mixed.....Pkt. **.10**

TAGETES

3082—Signata pumila.....Pkt. **.10**

TROPÆOLUM canariense. See Canary Bird.

VERBENA (Vervain) (H.H.P.) A great acquisition to any flower garden. Commence blooming in spring, and supply a mass of flowers in terminal spikes in many charming shades throughout the summer. Flowers are produced in clusters which are decidedly captivating to the eye. Sweet scented; 6 to 15 in. July-Sept.

3099—Hybrida mixed.....Pkt. **.10**

1300—Erinoides (Moss Verbena) (H.A.) Produces a mass of moss-like foliage of spreading dwarf habit. The purplish flowers are borne in trusses and are produced in abundance throughout the summer and autumn. Pkt. **.10**

3101—Erinoides alba. White, same form as preceding.....Pkt. **.10**

3102—Venosa (Hardy Green Verbena) (H.P.) Blackish violet in umbel-like heads, fine for groups or edging. Sow early, as seeds germinate slowly.....Pkt. **.10**

3103—Lemon (Aloysia citriodora) (H.H.P.) Very fragrant foliage which, when dried, retains its aroma for a long time. It is equally suitable for borders in the summer, and pot culture in winter. Flowers small and whitish, or pale lilac on slender spikes.....Pkt. **.10**

VERONICA (Speedwell) (H.P.) A hardy border plant with erect dense spikes of light blue flowers with long purple stamens; 1½ ft. July-Aug.

3108—Spicata.....Pkt. **.10**

VINCA (Madagascar Periwinkle or Old Maid) (H.H.A.) A well-known bedding plant, also suitable for pot culture. Plants of erect habit, with glossy foliage. A free bloomer; 1 ft. July-Aug.

3113—Rosea. Bright rose.....Pkt. **.10**

3114—Rosea alba. White, with distinct rosy eye.....Pkt. **.10**

VIOLA (Tufted Pansies) (H.H.P.) Scotch Prize. Cannot be excelled for border edging. Very free flowering, giving a constant supply of flowers of lovely shades throughout the summer. Sow early for flowering same year; 6 inches. July-Sept.

3119—Finest Mixed.....Pkt. **.10**

3120—Odorata (Sweet Violet) Sweet scented. Mixed.....Pkt. **.10**

VIRGINIAN STOCK (H.A.) One mass of flowers all summer; 6 inches.

3124—Mixed.....Pkt. **.10**

VISCARIA Oculata (H.A.) Flowers profusely; of a bright red color, compact bushes of a dwarf growth. Fine for cutting. 1 ft. July-Aug.

3129—Dwarf Perfection.....Pkt. **.10**

WALLFLOWER (H.H.P.) A harbinger of spring; flowers very fragrant; 1 ft. June.

3134—Single Extra Early Parisian Will flower first year if sown early. Mixed. Pkt. **.10**

3135—Single blood red.....Pkt. **.10**

3136—Single Harbinger, very early, brown. Pkt. **.10**

3137—Single fine mixed.....Pkt. **.10**

Double Dwarf. A very fine strain, producing magnificent spikes of all shades of color.

3139—Finest Mixed.....Pkt. **.10**

WILD CUCUMBER. See Echinocystis.

WILD FLOWER GARDEN (H.A.)

3143—Assorted colors.....Pkt. **.10**

XERANTHEMUM (H.A.) Everlasting flowers for winter decoration. July-Aug.

3148—Double Mixed.....Pkt. **.10**

ZEA (H.A.) Leaves beautifully striped with white, rose and yellow; very effective in the border; 3-4 ft.

3153—Japonica Variegata.....Pkt. **.10**

ZINNIA (H.H.A.) Very showy. The large globular flower heads in many shades of color are very gorgeous, and make quite an attractive display in a mixed border or when massed together; 1-2 ft. July-Sept.

3158—McKenzie's Dwarf Flowering Varieties. Superb Mixture.....Pkt. **.10**

3166—Curled and Crested. Petals are twisted and curled, giving the flowers a peculiar and fantastic appearance. Double Mixed. Pkt. **.10**

Valuable Books for Poultrymen, Farmers and Gardeners

EACH POSTPAID

American Horse and Horse Breeding (Dimon).....	4.00
American Horticultural Manual (Budd).....	3.65
Fertilizers (Gregory).....	.70
Garden Making (Bailey).....	1.20
Gardening for Profit (Henderson).....	1.85
Horse Breeding (Sanders).....	4.35

Henderson's Practical Floriculture (Henderson).....	1.85
Hints to Horse Keepers (Herbert).....	2.25
How to Plan Home Grounds (Parsons).....	.80
Key to Profitable Stock Feeding (Myrick).....	.60
Modern House Plans (Reed).....	1.50
Philo System of Incubation (Philo).....	.50

Plant Breeding (Bailey).....	1.75
Play and Profit in My Garden (Roe).....	1.65
Canadian Poultry Review. Illustrated Monthly Magazine, one year.....	.75
two years.....	1.00
Profitable Poultry Keeping (Beale).....	1.40
The New Egg Farm (Stoddard).....	1.25



The "Kant-Klog" Sprayer

(Pattern G)

Sprays Trees, all kinds of Small Fruits and Garden Vegetables, Disinfectants, Whitewash and many other uses.

The "Kant-Klog" nozzle has the cleaning device and furnishes several sizes of flat and round sprays and solid streams; also the spray can be governed by a slight pressure of the thumb. Hose is high grade—supported by coiled spring, couplings solid brass with standard cut threads. Air pumps of heavy brass tubing two inches in diameter.

The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making complete double seam. When completed, this body is thoroughly tested. Not one in a thousand give any of the troubles common with other sprayers.

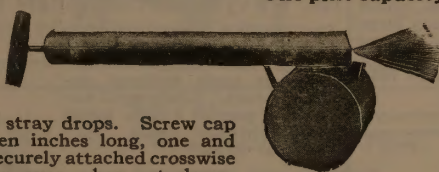
Brass, **\$11.50**. Galvanized, **\$8.25**. By express at purchaser's expense.

"Kant-Klog" Atomiser No. 0 A Smaller Atomiser

—One pint capacity

For Household use Insecticides, Disinfectants, Automobiles and Furniture Polishes, etc., is preferred to the larger sizes.

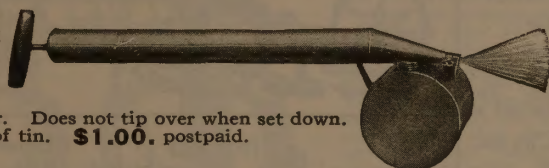
Drip cup on tank to catch stray drops. Screw cap filler, Tin Pump barrel ten inches long, one and one-half inches diameter, securely attached crosswise the tank prevents tipping over when set down. **80c.** postpaid.



"Kant-Klog" Atomiser No. 3 Capacity One Quart

Has tin pump barrel one and three-quarter inches in diameter. Heavy plunger rod.

Screw cap filler. Does not tip over when set down. Liquid tanks of tin. **\$1.00.** postpaid.



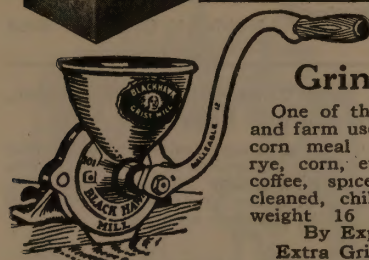
McKenzie's Dry Food Grit and Shell Box

This handy Grit Box eliminates the waste occasioned by feeds, grits, shells, etc., being placed in pans or low dishes and scratched out by the fowls. It has three compartments. Strong, light and durable.

The trough is so arranged that fowls are unable to get into it with their feet, thus eliminating waste, and at the same time protecting the contents from moisture and filth.

Large size, each.....**\$1.25**

By express at purchaser's expense.



Black Hawk Grinding & Feed Mill

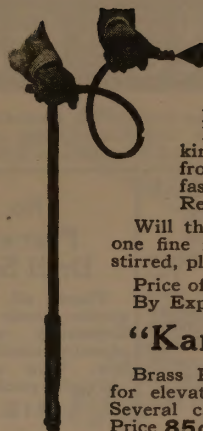
One of the handiest of tools for household and farm use. Make your own Graham flour, corn meal etc. Crack your wheat, barley, rye, corn, etc., for the poultry. Grind your coffee, spices, etc. Easily adjusted, easily cleaned, chilled bearings. Best steel knives, weight 16 pounds. Price each....**\$4.50**

By Express at purchaser's expense.

Extra Grinders **\$1.00** per set Postpaid

Poultry Medical & Surgical Case

Poultry medical and surgical case. Contains 10 specific remedies and surgical instruments for simple operations. **\$3.25** Postpaid



"Kant-Klog (Junior 5)" Spray Force Pump

Everything except handle and hose are Solid Brass. Is the Easiest Working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, tank, spring or creek. Without fastening of any kind, it stands firmly wherever placed. Ready for instant use everywhere

Will throw two solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred, pleases everybody and will last a lifetime.

Price of Pump complete as shown in cut **\$5.25**.

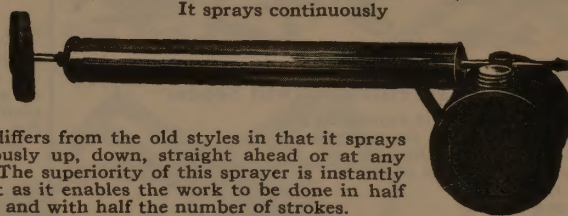
By Express at purchaser's expense.

"Kant-Klog" Brass Extension Pipe

Brass Pipe with quarter-inch standard cut threads, needed for elevating the nozzle in tree spraying, whitewashing, etc. Several can be screwed together when desired. 3 ft. long, Price **85c.** By express at purchaser's expense.

"Kant-Klog" Atomiser "Continuous Spray" No. 14

It sprays continuously



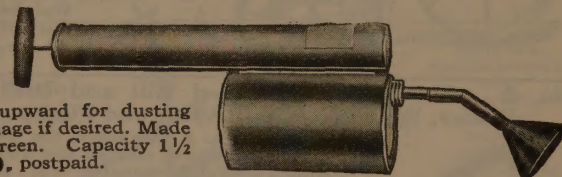
This differs from the old styles in that it sprays continuously up, down, straight ahead or at any angle. The superiority of this sprayer is instantly apparent as it enables the work to be done in half the time and with half the number of strokes.

Brass Spray Tube removable for cleaning. Two Spray Caps; Brass Valve; Tin pump barrel. Liquid tanks of tin and Galvanized Iron. Capacity one quart. Tin, **\$1.25**, Express at purchaser's expense, **\$1.45**, postpaid. Galvanized **\$1.35**. By express at purchaser's expense. **\$1.55**, postpaid.

"Kant-Klog" Dry Powder Duster No. 6

For applying insecticides, disinfectants, etc., in dry form. Funnel

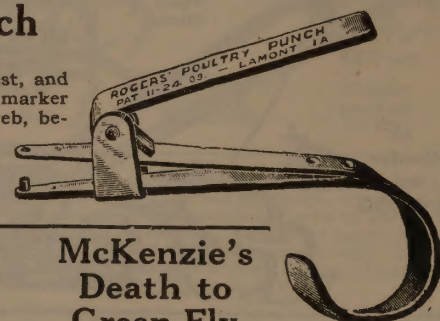
can be turned upward for dusting under side of foliage if desired. Made of tin, painted green. Capacity 1 1/2 quarts. **\$1.50**, postpaid.



Poultry Punch

Each, **50c.** postpaid.

This is the neatest, handiest, and easiest operating poultry marker made. By perforating the web, between the different toes, varying toe and foot, you can mark different hatchings, different breeds in most unlimited numbers.



McKenzie's Death to Green Fly

One of the best Insecticides for plant use. Destroys Green Fly, Slugs, Caterpillars, Currant Worms, Cut Worms, Rose Bugs, etc.

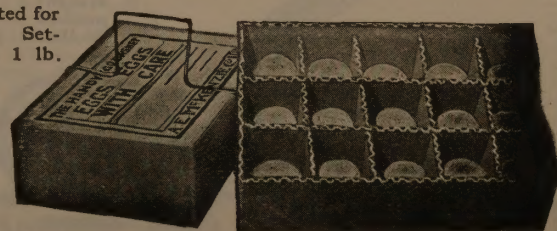
You can use it in the house, sinks, poultry houses, pig pens, stables, etc. It will kill any kind of insect and can be used anywhere.

Pkg. postpaid.....**50c**



The Handy Egg Box

Particularly suited for shipping "Egg Settings." Weight 1 lb. Price (1 setting size) **\$3.10** per doz. Price (2 setting size) **\$5.10** per doz. By express at purchaser's expense.





Planet Jr. Garden Tools



Prices on this Page are F.O.B. Brandon, except where otherwise noted
The New "PLANET JR." Catalog is the handsomest, best and most instructive book ever issued on a similar subject.
Complete with illustrations and information. We mail it free to any address on application.

No. 1 Planet Jr. Combined Drill Seeder, Wheel Hoe, Cultivator and Plow

The index contains the names of the principal seeds. The drill is set right for any seed when the name appears through the slot. The change is made by opening the can, sliding the band to the required place, then closing it.

Weight packed, 47 lbs.

Holds 3 Pints of Seed
Price, with Tools as shown,
\$18.75

No. 3 Planet Jr. Hill and Drill Seeder

The thickness of seed is regulated by an accurate index with brass screw indicator; it contains the names of the important seeds in plain view at the top of Handle, and is carefully graduated both for hills and drills.

Holds 2 1/2 Qts. of Seed
Price
\$23.00
Weight, Packed, 61 lbs.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe. The most popular machine.

Holds 2 1/2 Quarts of Seed. Price complete
\$22.50
Weight 50 lbs.

As Seeder only
\$19.50

No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Drops all garden seeds in hills and sows in drills, in a narrow line, to any depth required, covers, rolls and marks the next row, all at one passage. It hoes, cultivates and plows all garden crops completing a row at every passage, up to 16 in. in width.

Holds over 2 Quarts of Seed
Price complete
\$31.50
Weight packed 64 lbs.

No. 2 Planet Jr. Drill Seeder

Plants all varieties of garden seeds admirably. Especially adapted to planting small seeds shallow. Very strong.

Weight packed, 41 lbs.
\$15.00

No. 5 Planet Jr. Hill and Drill Seeder

Undoubtedly the best made for market gardeners, bean growers, onion set growers, and any large planters. Very similar to No. 3.

Weight packed, 51 lbs.
\$24.00

No. 11 Planet Jr. Double Wheel Hoe Cultivator and Plow

This is the best combined double and single wheel hoe made. The steel frame can be set at different heights.

Weight packed, 39 lbs.
\$18.00

No. 12 Planet Jr. Double and Single Wheel Hoe

Identical with No. 11 except that the 4 1/2-in. hoes and the rakes are not included in the equipment.

Weight packed, 33 lbs.
\$15.00

No. 13 Planet Jr. Double and Single Wheel Hoe Combined

Has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6 in. hoes only.

Weight packed, 28 lbs.
\$11.00

Fire Fly Garden Plow

Exceedingly useful to small gardeners. Essentially the tool for the busy man with limited time for family gardening.

Weight packed, 14 lbs.
\$5.25

No. 14 Planet Jr. Double Wheel Disc Hoe, Cultivator and Plow

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil-tempered discs on either side.

Price with Attachments as in cut,
\$18.00
Weight 38 lbs.

No. 17 1/2 Planet Jr. Single Wheel Hoe

The handles are adjustable in height. The frame is steel, convenient and strong, with quick change device to exchange tools without removing nuts. Equipment includes a pair of 6-inch hoes, three cultivator teeth and leaf lifter.

Steel Frame
Price **\$9.50**
Weight 20 lbs.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

The simplicity of this tool, both as a seeder and as a wheel hoe, makes the combination thoroughly practical.

Price **\$28.50**
Weight, Packed 61 lbs.

Holds 2 1/2 Quarts of Seed

No. 31 Planet Jr. New Combined Drill Seeder, Cultivator and Plow

A most desirable implement for gardeners. It sows all Garden Seeds any thickness desired, with the greatest precision and to the last seed.

Weight complete packed, 30 lbs.
Price complete
\$16.00

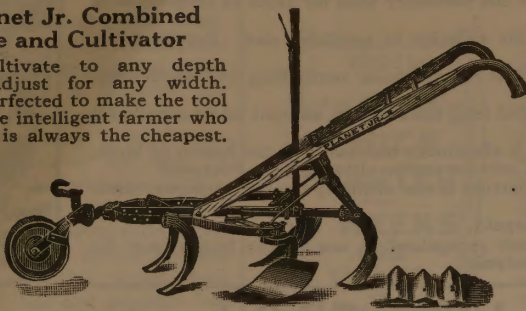
Planet Jr. Horse Tools and Repairs

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

Weight packed, 83 lbs.

Price with Steel Wheel \$26.50

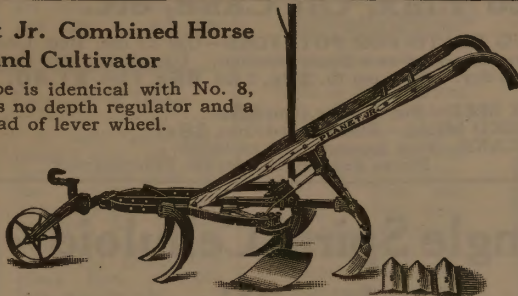


No. 9 Planet Jr. Combined Horse Hoe and Cultivator

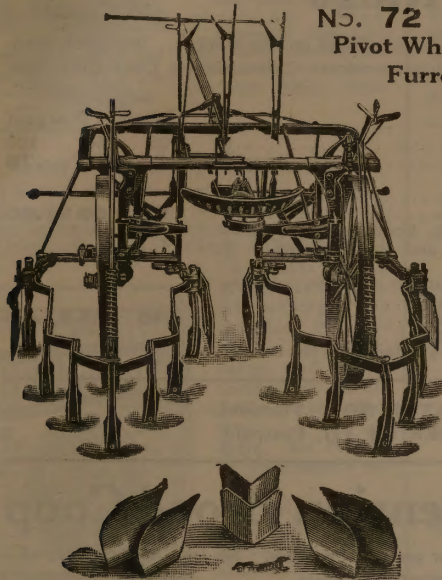
This Horse Hoe is identical with No. 8, except that it has no depth regulator and a plain wheel instead of lever wheel.

Weight packed, 70 lbs.

Price, with Steel Wheel \$23.00



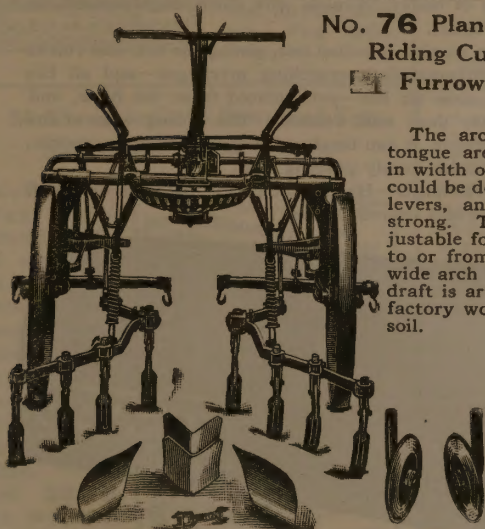
No. 72 Planet Jr. Two-row Pivot Wheel Cultivator, Plow, Furrower and Ridger



With the improved No. 72 we complete the cultivation of two rows at one passage at all widths from 28 to 44 in. inclusive, and the implement is especially built to do this when the rows are irregular. This tool is so designed that the operator can make changes in width of gangs instantly while in motion, by means of a handy lever for each gang, so as to accommodate the machine perfectly to rows which vary greatly in width.

Price, \$135.00
Weight, 574 lbs.

No. 76 Planet Jr. Pivot Wheel Riding Cultivator, Plow, Furrower & Ridger



The arch is high, frame and tongue are of steel; the change in width of the wheels is all that could be desired. It has powerful levers, and the gang frame is strong. The standards are adjustable for depth, and to throw to or from the row. The extra wide arch is very desirable. The draft is arranged to insure satisfactory work in all conditions of soil.

Price, complete, \$100.00

Weight, packed, 526 lbs.

All prices on this page are F.O.B. Brandon, except where otherwise noted

No. 81 Planet Jr. Horse Hoe Cultivator and Hiller Combined

Has six 3-in. cultivator teeth, two 6-in. side plows and a 12-in. furrowing tooth, making an admirable equipment for all widths of cultivation and for hilling crops up to four feet apart.

Weight Packed, 89 lbs.

Price \$27.50

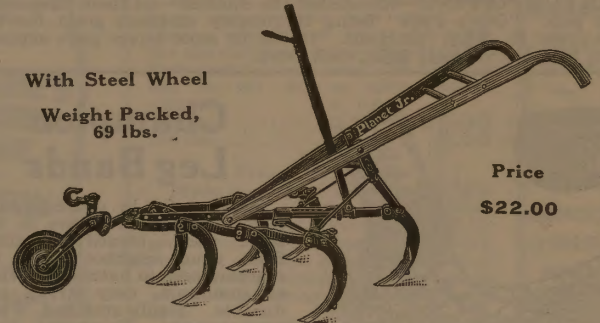


No. 83 Planet Jr. Seven Tooth Plain Cultivator

With Steel Wheel

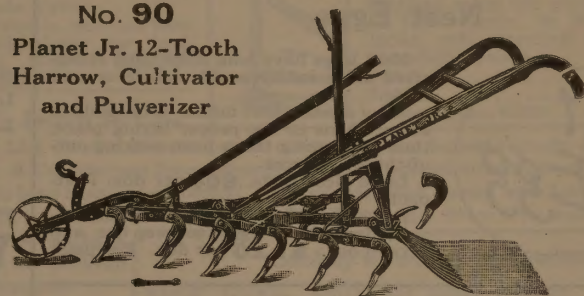
Weight Packed, 69 lbs.

Price \$22.00



The Planet Jr. Seven Tooth Plain Cultivator, in the opinion of those who ought to know, is the coming one-horse cultivator, having seven teeth instead of five. The teeth are 2 1/4 inches wide and their work is finer and much more thorough than that of the five-tooth cultivator. A great favorite where fine cultivation is desired.

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer



This is a special favorite with strawberry growers, market gardeners and truckers

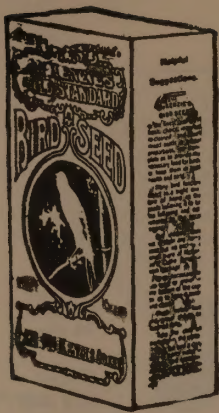
Complete with Steel Wheel \$26.00

Weight packed, 74 lbs.

Planet Jr. Repairs We carry a complete stock of repairs at Brandon. Remember—every piece has a number; when ordering, give this number and also the number of the machine it is to be used on. We list below a partial list of repairs most in demand. While we carry generous stocks, we furnish repairs at prices quoted so long as stocks last. When necessary to import an order direct from the manufacturer, we are obliged to add to price quoted whatever the express charges are to Brandon.

C 9 Drum for No. 1 Combined Drill Seeder.....	\$3.25
C 16 Upper Spout for No. 1 Drill Seeder.....	1.10
C 23 Roller for No. 1 Drill Seeder.....	2.50
C 28 Roller Carrier for No. 1 Drill Seeder.....	1.40
R 3 Plow complete for Wheel Hoe and Combined Drills.....	3.25
R 5 Plow complete for Wheel Hoe and Combined Drills.....	3.30
K 248 Left Hand Seed Coverer for No. 4.....	.85
K 249 Right Hand Seed Coverer for No. 4.....	.85
K 409 Roller Carrier for No. 4.....	1.75
K 410 Roller for No. 4.....	2.45
K 243 Wheel Arm L. H. for No. 4.....	.85
K 290 Wheel Arm R. H. for No. 4.....	1.15
K 412 Frame for Wheel Hoe.....	2.65
K 270 Opening Plow.....	1.60
K 280 Onion Opening Plow, 2 1/2 in. wide.....	2.25
K 246 Spout for No. 4.....	3.75
C Standard only for Hoe, L.H.....	.75
D 1 Standard only for Hoe, R.H.....	.75
109 X (C. and 552) Hoe Complete, L. H. 4 1/2 inches.....	1.25
108 X (D1 and 553) Hoe Complete, R. H. 4 1/2 inches.....	1.25
46 X (C and 1092), Hoe Complete, L. H. 6 inches.....	1.40
47 X (D1 and 1093), Hoe Complete, R. H. 6 inches.....	1.40
449 X (C and 1700), Hoe Complete, L. H. 7 inches.....	1.50
450 X (D1 and 1701), Hoe Complete, R. H. 7 inches.....	1.50
436 X (C and 997), Hoe Complete, L. H. 8 inches.....	1.65
437 X (D and 998), Hoe Complete, R. H. 8 inches.....	1.65

Sundry Bird Supplies



BIRD SEED. McKenzie's Gold Standard is the finest quality of fresh, choice, imported, re-cleaned and well-mixed seeds in proper proportions, as to provide the necessary food for birds to keep them in good health and song. Pkt. **55c.** Postpaid.

HEMP, Finest Re-cleaned—Considered by many as far superior to anything else. Per lb. **40c.** Postpaid.

MILLET, Finest Re-cleaned—As feed for birds Millet is exceptionally nourishing and appetizing. Per lb. **30c.** Postpaid.

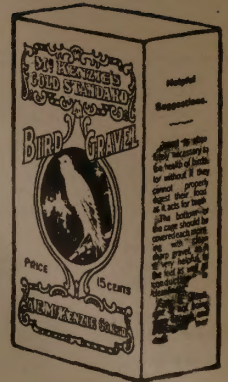
CANARY SEED, Finest Re-cleaned.—This is a splendid feed for birds on account of its wonderful strength-building ingredients. Per lb. **40c.** Postpaid.

BIRD GRAVEL—McKenzie's Gold Standard Gravel is absolutely necessary to the health of birds, for without it they cannot properly digest their food, as it acts for teeth. Pkg. **40c.** Postpaid.

PARROT SEED—The very best seed obtainable for parrots is the ordinary garden sunflower seed. Per lb. **40c.** Postpaid.

BIRD RAPE, Finest Re-cleaned. Per lb. **40c.** Postpaid.

CUTTLE FISH BONE—For generations this has been recognized as one of the best things for aiding birds to digest their food, etc. * Per oz. **20c.** Postpaid.



Miscellaneous Sundries, Feed Flax, Oil Cake, etc.

SUNFLOWER SEED—Every poultry man knows the egg-producing value of Sunflower seed, and for poultry feed, thousands of tons are annually sold throughout the West. 1 lb. **40c.** postpaid, 5 lbs. or more **25c** per lb. by express at purchasers' expense. Cotton bags **65c.** each extra.

CORN FOR POPPING—Remember the children—let them have some corn to pop. "Our's Pops" being thoroughly matured grain for the purpose. Per lb. **35c.** postpaid. 10 lbs. or more buyer pays express. **20c** per lb. Cotton bags **65c.** each extra.

BUG DEATH FOR POTATOES—Use 32 lbs. Bug Death to 96 gallons water, when used as a liquid solution. Use 32 lbs. Bug Death per acre when applied dry. Price per lb. **35c.** 3 lbs. **85c.** 5 lbs. **\$1.40.** Postpaid.

FLAX SEED—For feeding (bag **65c.**) **\$14.00**
LINSEED MEAL—Fine ground (bag **65c.**) **14.50**
OIL CAKE—Fine ground (bags included) **6.50**

Prices Subject to Market Fluctuations.



Champion Leg Bands

Very useful in distinguishing select fowls from others in the same flock, identifying them from your neighbor's and for marking certain hatchings. Made of aluminum, very strong and durable. Easily attached. Fastens securely. Numbered from 1 to 100.

12 25 50 100
25c 35c 50c 80c Postpaid.

Single Spiral Celluloid Poultry Rings



Made in Canada

Far superior to any other Key Ring Band on the market. We stock them eight different sizes in the following colors: Cerise, Green, Dark Blue, Red Light Blue.

Table of Sizes		Prices Postpaid		
Size	1a For Pigeons.....	25	50	100
2	Bantams.....	.25	.40	.75
3	" Half Grown Chicks.....			
4	" Minorcas, Leghorns.....	35	.60	\$1.00
6	" Campine, Hamburg, Scotch Greys, and Langshan, French and small Ducks....			
7	" Wyandotte, Plymouth Rocks, large Ducks.....			
8	" Cochin, Brahma.....	.40	.65	\$1.05
9	" Turkeys, Geese, etc.....			

In each case the hens take a size smaller than the cocks

Nest Eggs

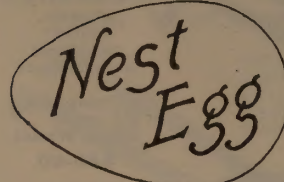
Nest Eggs have long since been recognized as an indispensable article around fowls.

They are the best means obtainable to attract hens to the proper laying place, thus preventing them from seeking out-of-the-way places.

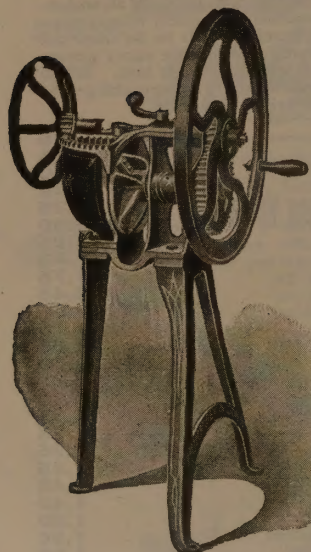
Lime Nest Eggs, **60c** per doz. Postpaid.

Porcelain **60c** per doz. Postpaid.

Medecol Nest Eggs, to keep lice, and vermin out. **\$1.20** per doz. Postpaid.



Humphrey Bone Cutter and Rapid Alfalfa and Clover Cutter



No. 1. The popular size for flocks of 10 to 200 hens. The always-open hopper measures $4\frac{1}{2}$ x 5 in. and will take a large steer knuckle bone. This is a hand power machine, weight 120 lbs. Price..... **\$30.00**

No. 2 $\frac{1}{2}$. Is a combined hand and power cutter of the same bowl capacity at the No. 1; intended for poultrymen who have power, but find it convenient to use the machine by hand at times when the power is not in motion. Weight 135 lbs. Price..... **\$36.00**

CLOVER CUTTER—Every poultryman having from 12 to 20 hens should have a Humphrey Clover Cutter. This machine has large capacity, so that it takes very few minutes to cut enough clover or alfalfa for large yards. The cuttings are so small and uniform that there is virtually no waste. Price..... **\$24.75**

Write for prices on any not listed here. Humphrey Bone Cutter Catalog mailed upon request.

THERMOMETER INCUBATOR 90c. Postpaid.
THERMOMETER BROODER \$1.10. Postpaid.

WRICO Extension Brood Coop

A profitable investment for poultry breeders. No lost, stolen, strayed or sick chicks to figure up against the profits.

The extension is made of heavy $\frac{1}{2}$ -mesh wire cloth, regalanized, so the wires will not spread apart.

In fine weather the cage portion is pulled out, giving the hen and chicks double area to roam—untrammelled scratching privileges—and all the advantages of a natural open air life—yet isolated from the flock, and protected from rats, cats, dogs and weasels. The sliding edge of the extension being set in a groove, it can be closed without the least trouble, or danger to the occupants, by simply pushing it in.

SIZE OF COOP EXTENDED—Height, $18\frac{1}{2}$ in. Length extended 46 in., width 20 in., weight of 3, crated, 70 lbs.

Well
 Ventila-
 ted,
 warm and
 weather
 proof

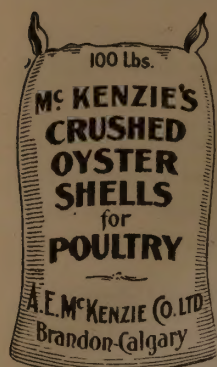
Price
\$6.65
 each



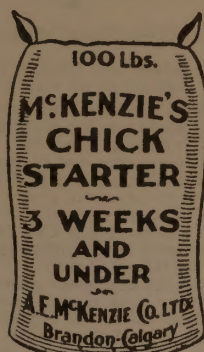
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ALL PRICES ON THIS PAGE ARE F.O.B. BRANDON, EXCEPT WHERE OTHERWISE NOTED.

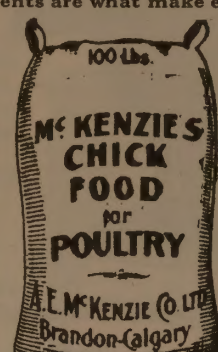
McKenzie's High Grade Poultry Supplies



Crushed Oyster Shell, almost pure carbonate of lime, supplies, when fed to poultry, the most essential components in the formation of the egg. It also prevents cholera, soft shell eggs and hens from eating their eggs. Keeps the hens healthy, makes them lay and produce larger and heavier eggs. 100 lbs. **\$1.90**



For chicks under 3 weeks old. Like infants, it is essential to the proper nourishment of chicks that they be fed different ration than older chickens. The ingredients of this nourishing and body-building mixture can be thoroughly and easily digested, and it is absolutely necessary if a low mortality among chicks is desired. 50 lbs. **\$3.75**
100 lbs. **7.00**



For chicks 3 weeks old or over. This mixture embraces the best combination that can be prepared for the purpose. To properly develop the chick for market or as an egg producer, it must be fed such food as will promote growth quickly and uniformly. A well-balanced feed will produce a well-balanced hen. 50 lbs. **\$3.65**
100 lbs. **6.85**

McKenzie's Insect Killer



A safe and sure remedy for all lice, flies, vermin that infest poultry, cattle, dogs, sheep, etc. Invaluable for ridding house plants and vegetables of green and black flies, caterpillars, worms, etc.

Non-poisonous, absolutely harmless. A powerful disinfectant and deodorizer. Directions on every package. **55c.** Postpaid.

Lee's Poultry Remedies

INSECT POWDER. A non-poisonous powder and very effective insecticide; unexcelled for worms, flies, aphids, and all kinds of insects. Package, **60c.** postpaid.

LIQUID LICE KILLER. Acknowledged by practical Poultrymen as the easiest, safest and surest method of curing fowls of this affliction. 1 qt. can **80c.** By express at purchaser's expense.

GERMOZONE TABLETS. The great cure for Cholera, Colds, Canker, Chicken Pox, Swelled Head etc. Pkg. **90c.** Postpaid.

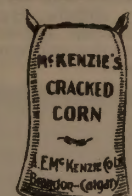
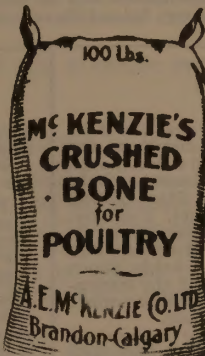


McKenzie's Gold Standard Egg Maker and Chick Grower

McKenzie's Egg Maker should be fed to male birds as well as hens. Young chicks require it to secure a good, strong start, early in life. Price 2 1/2 lbs. **35c.** 5 1/2 lbs. **65c.** 25 lb. pail **\$2.75.** By express at purchaser's expense.



This is fresh, green bones, which have had the moisture, grease, etc., extracted, leaving nothing but phosphate of lime and protein. Will keep in any kind of weather if kept dry. This bone is prepared especially for our trade and will be found a very fine quality. State whether fine or coarse is wanted. 50 lbs. **\$3.25**
100 lbs. **5.50**



Cracked Corn
It requires more energy for fowls to pick up than the whole corn, and is more easily digested. 50 lbs. **\$2.30.** 100 lbs. **\$4.50.** Cotton Bags **65c.** extra.

Whole Corn
For poultry, corn is, and has been for ages, valued highly for feed. 50 lbs. **\$2.15.** 100 lbs. **\$3.95.** Cotton Bags, **65c.** extra.



Lambert's Death to Lice

Lambert's Lice Powder is perhaps the oldest and best known remedy of its kind on the market. A Disinfectant Insect Powder. This preparation will rid your fowls of all vermin. It is both cheap and effectual. Setting hens well dusted with Lambert's Death to Lice during incubation will bring off a healthy brood. Price 5 oz. box **30c.** 15 oz. box **65c.** 48 oz. package **\$1.55.** 100 oz. package **\$3.00.** Postpaid.

McKenzie's Gold Standard Stock Food

Stock when fed McKenzie's Stock Food will keep in better condition, produce quicker and more profitable results. Based upon scientific knowledge, devoid of harmful drugs. When fed to calves, cattle, horses, sheep, hogs or poultry, it purifies the blood, builds up the system, aids digestion and produces highly beneficial results.

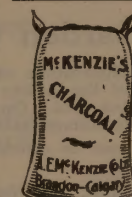
Price 5-lb. Bags **\$1.20.** Postpaid.
25-lb. Pails **\$3.50.** By Express at purchaser's expense.



Beef Scrap
Rich in materials which make bone, muscle and lean meat. It ensures health, and vigor and satisfies the chicken's natural craving for flesh-food in some form. Beef scraps can be fed dry or with cooked rations. 50 lbs. **\$5.00**
100 lbs. **9.00**



Fine Cut Alfalfa
Made from green kiln-dried Alfalfa hay. More valuable than clover meal, and is highly recommended by prominent and successful poultry men. It contains a large per cent of protein and furnishes green feed in winter when green food is unobtainable. 25 lbs. **\$1.50.** 50 lbs. **\$2.60.**
100 lbs. **\$4.75**



Charcoal

To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of Charcoal in this respect, as it purifies the blood, aids digestion and tones up the whole system. 50 lbs. **\$2.25**
100 lbs. **4.00**
Bags **25c.** extra.

Conkey's Poultry Remedies

ROUP CURE. Small size **55c.** medium size **\$1.00.** large size **\$1.90.** Postpaid.

CHOLERA CURE. Package, small **55c.** Package, large **\$1.00.** Postpaid.

GAPE CURE. Package **\$1.00.** Postpaid.

RHEUMATIC REMEDY. Package **\$1.00.** Postpaid.

POULTRY LAXATIVE. Package **55c.** Postpaid.

HEAD LICE OINTMENT. A wonderful remedy for this aggravating pest. Package, small **30c.** large **55c.** Postpaid.

LICE LIQUID. The safest and surest exterminator of this pest. 1 qt. **\$1.00.** 2 qts. **\$1.30.** 1 gal. **\$2.00.** By express at purchaser's expense.

LIMBERNECK REMEDY.

Package **\$1.00.** Postpaid

SCALY LEG REMEDY.

Package **55c.** Postpaid.

WHITE

DIARRHŒA REMEDY.

Price **55c.** Postpaid.

BRONCHITIS

REMEDY. A

guaranteed specific

for this dangerous

ailment. **\$1.25.**

Postpaid.





Royal Purple Calf Meal

The New Milk Substitute

You can raise just as good calves on "Royal Purple" Calf Meal as on new milk at just a quarter of the cost

The raising of calves is probably the most difficult problem to solve on the farm. The price of butter and milk has advanced to such a point that farmers cannot afford to use their milk for calves. "Royal Purple" Calf Meal is "made in Canada". Calf Meal imported from the United States is subject to 25 per cent duty. The consumer has to pay this.

"Royal Purple" Calf Meal is constituted of grains scientifically prepared to make it a substitute for new milk; only the very best matured clean and good quality grains are used.

The results obtained by stock men all over the country by the use of "Royal Purple" Calf Meal justify us in stating that it is the highest grade Calf Meal sold in Canada.

All mixed feeds, according to Government regulations, must have printed on the bags or tags the amount of protein fat and fibre contained therein.

A full-grown animal requires a great deal more protein and less fat than a calf.

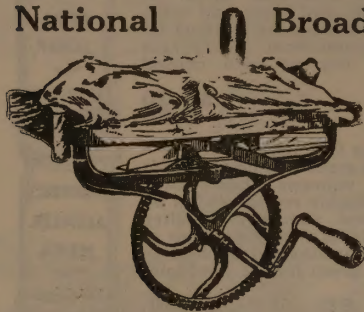
A calf meal to be a substitute for milk should contain more than 10 per cent fat and about 18 to 20 per cent protein. More protein than this makes it hard for the calf to digest, and less fat than 10 per cent is not enough to take the place of milk. Recently government inspectors drew samples of Royal Purple Calf Meal from bags which were on sale in stores in different parts of the country. Not one sample when analyzed contained less than 11 per cent fat and a little over 18 per cent protein. This information will be found in Bulletin Number 388, and can be had post free on application to Laboratory, Inland Revenue Department, Ottawa, Ont.

Royal Purple Calf Meal is put up in bags, as under:

25 lb.	50 lbs.	100 lbs.
\$2.40	\$4.60	\$8.85

Bags free, ex Warehouse, Calgary.

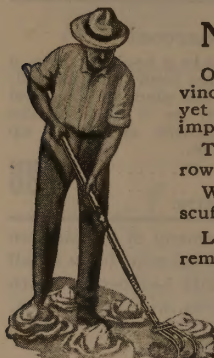
National Broadcast Seeder



This seeder will sow about 20 acres per day and distribute the seed evenly. It will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Flax, Millet, Clover, Lawn Grass, Timothy, Western Rye, Brome, etc. Is very easily adjusted to suit any seed. The hopper holds about one-half bushel. It is the strongest, neatest, and most compact hand-seed sower made.

Price **\$2.25** by express at customer's expense, or, **\$2.55** postpaid.

Norcross Garden Cultivator



One look at the illustration of the Norcross convinces immediately of the utility of this remarkable yet simple little garden tool. One actual trial of the implement proves it is indispensable.

The centre shovel can be quickly removed and the row straddled.

When rows are close together the three inside scufflers may be used.

Loosening two nuts releases any one of prongs to be removed. Detaching centre shovel and reversing other four makes a potato digger. It pulls weeds, pulverizes the soil thoroughly, giving leve cultivation.

Each, **\$1.25** By express at purchaser's expense.

Brandon Seed House Grass Seeder

This Wheelbarrow style of Seeder is especially designed for sowing grass seeds broadcast (all kinds) and fills a very important want in farming. No waiting for a calm day. Sow any time. The Hopper is carried so close to the ground that the wind does not blow and scatter the seed.

They sow any quantity per acre desired, evenly and accurately. The complete machine weighs about 50 lbs. and runs easily, sowing from 20 to 40 acres per day. There are upwards of 200,000 of these machines in use. We have on hand 2 kinds.

No. 8 for Brome Grass, Clover, Timothy, Alfalfa, Hungarian Millet, Rape and other seeds of same size and kinds. Has 10 ft. Hopper. Price of No. 8, **\$14.50**.

No. 9 for Western Rye Grass, Clover, Timothy, Alfalfa, Hungarian Millet and Rape and any other seeds of same size and kind. Has 14 ft. Hopper.

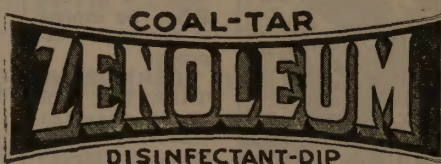
The No. 9 will not sow Brome Grass successfully.

Price of No. 9, **\$14.00**.

The Wheelbarrow or Gearing is the same style for both No. 8 and 9. The difference is in the Hoppers. We can supply both Hoppers and one Gearing if desired, also Hoppers separately at **\$9.00** each.



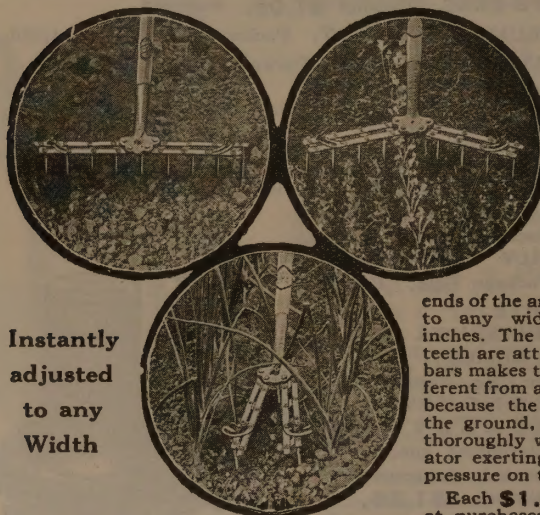
We believe Zenoleum is the best general live stock remedy for lice and vermin on all animals and a positive disinfectant and cure for skin troubles, and external parasites in hogs and sheep. Our guarantee: If Zenoleum is not what we represent it to be, we will refund your money. 8 oz. tin postpaid, all other sizes by express at purchaser's expense



8 oz. tin	\$.55	makes 6 gals. fluid.
1 qt. tin	.75	makes 25 gals. fluid.
2 qt. tin	1.40	makes 50 gals. fluid.
1 gal. tin	2.40	makes 100 gals. fluid.

PULL-EASY

Garden Cultivator Adjustable



Instantly adjusted to any Width

EVERYONE who has worked in a garden will see the advantages of the "PULL-EASY" over any other garden tool. When the arms are spread out to full width of 18 inches the cultivator is like a rake. For narrower rows the outer

ends of the arms can be closed to any width down to 7 inches. The way in which the teeth are attached to the side bars makes the cultivator different from any ordinary rake because the teeth penetrate the ground, and pulverize it thoroughly without the operator exerting any downward pressure on the handle.

Each **\$1.85**. By express at purchaser's expense.

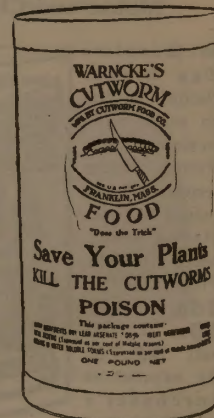
Cutworm Killer

There is no more exasperating insect pest with which the gardener contends than the cutworm. All the work, expense and anticipation of financial returns are wiped out in a night. The cutworm, in about three bites, kills the entire plant as effectively as though it were consumed root and branch. And all this is so easily avoided.

Just drop a teaspoonful of Cutworm Food around each plant the day it is set out, or on each hill as the seedlings break through; and instead of eating the plants the worm eats a little of the Food and immediately dies.

The Food will not injure the most delicate plant. One pound will protect 75 to 100 plants.

1 lb. **65c**. Postpaid.



PRICES ON THIS PAGE, F.O.B. BRANDON, EXCEPT WHERE OTHERWISE NOTED.

A. E. McKenzie Co., Ltd., Brandon, Man.

Reliable Incubators and Brooders

Knowing that some of our customers have a preference for the square-shaped box type of Incubators, we decided, after very careful and exhaustive investigation, to introduce the **Reliable Incubators** and **Reliable Blue Flame Wickless Oil Heated Colony Hovers**. They are the result of 38 years experience in the manufacture of Incubators and Brooders.

The makers are not only in the Incubator and Brooder Business, but are themselves successful poultry raisers.

These machines have a world-wide reputation, and we confidently recommend them to poultry raisers in Western Canada.

"Standard" Reliable Incubators

These are made, and our stock includes two styles, Hot Air and Hot Water. Only the very finest materials have been used in their construction; they are double walled, heavily insulated and guaranteed to be positively self-regulating.

Can be operated anywhere. Owing to the superior construction of the "Standard," any variation of the surrounding temperature does not affect. This same feature enables them to be run at the minimum expense, the consumption of coal oil to maintain the necessary temperature, being reduced to the lowest point.

Guaranteed to hatch strong, healthy chicks from every fertile egg, if simple instructions, supplied with each machine, are carefully followed.



STANDARD

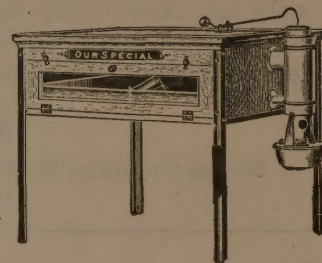
"Special" Reliable Incubators

The materials used in the construction of this machine, like the Standard, are of the very best quality; the "Special" however is not so heavily insulated, and is consequently more affected by variation of temperature. If used in a room where the temperature can be more or less controlled, and where little variation will be experienced, they will do just as good work as the "Standard," and have been made to meet the requirements of poultry raisers who want a dependable high-class machine at a lower price than the "Standard" machine can be sold for.

Reliable Blue Flame Wickless Oil Heated Colony Hover

The advantages of this Hover over other makes are many, but lack of space prevents enumeration. We will, however, mention three excellent features:

- (1) Hard coal is sometimes difficult to obtain, Coal Oil is always available.
- (2) No dirt, no ashes, no noise pouring in coal to disturb or scare the young chicks.
- (3) The Automatic Regulator Attachment, once properly adjusted, according to directions, controls the heat and insures a uniform temperature, adequate ventilation, and scientifically regulates the flow of oil; the risk of fire going out is reduced to a minimum.



SPECIAL



WICKLESS OIL HEATED COLONY HOVERS

All prices quoted on this page ex-warehouse, Calgary

Look into this special offer of Cyphers' Incubators and Brooders, they are exceptional values.

We have in stock the following very useful sizes and styles of Incubators and Hovers, and can give prompt shipment.

Don't wait until you are ready to use, order early and have on hand, and avoid disappointment.

Incubator Standard. Hot Air. Capacity, 100 eggs; weight, 70 lb. **\$24.50**
 Incubator Standard. Hot Air. Capacity, 140 eggs; weight, 110 lbs. **\$34.00**
 Incubator Standard. Hot Water. Capacity, 100 eggs; weight, 75 lbs. **\$31.25**
 Incubator Standard. Hot Water. Capacity, 140 eggs; weight, 115 lbs. **\$40.00**
 Incubator Standard. Hot Water. Capacity, 240 eggs; weight, 175 lbs. **\$53.00**

Incubator Special. Hot Water. Capacity, 70 eggs; weight, 40 lbs. **\$17.00**
 Colony Hover No. 00, size 18 in. Capacity, 100 chicks; weight, 14 lbs. **\$9.50**
 Colony Hover No. 0, size, 30 in.; Capacity, 350 chicks; weight, 40 lbs. **\$20.50**
 Colony Hover No. 1, size 42 in.; Capacity, 500 chicks; weight, 45 lbs. **\$22.85**
 Colony Hover No. 2, size, 52 in.; Capacity, 1,000 chicks; weight, 55 lbs. **\$27.25**

Cyphers' Incubators and Brooders

Owing to the fact that the old Cyphers' Company has been dissolved, we are discontinuing handling, and have only a few machines, as listed at foot, left over from last season. These will be sold at a sacrifice to clear. Look over the list and write us about anything you are interested in. For your information we indicate the prices at which they should be sold. Send your order at the reduced price.

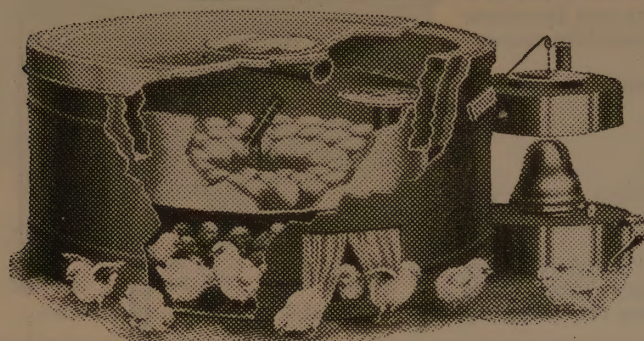
We can only sell what we have in stock, at these prices, order quickly

	Regular Price	Reduced Price
Cyphers' Incubator Standard, No. 2. Capacity, 244 eggs; weight, 215 lbs.	\$68.45	\$52.65
Cyphers' Incubator Standard, No. 3. Capacity, 390 eggs; weight, 260 lbs.	81.00	62.15
Cyphers' Incubator Columbia. Hot Air. Capacity, 250 eggs; weight, 110 lbs.	43.50	33.40
Cyphers' Incubator Superior. Hot Water. Capacity, 65 eggs; weight, 40 lbs.	23.50	18.00
Cyphers' Brooder, Style A. Outdoor. Capacity, 75 chicks; weight, 135 lbs.	30.90	25.75
Cyphers' Brooder, Style C. Outdoor. Capacity, 100 chicks; weight, 220 lbs.	49.00	37.70
Cyphers' Brooder, Style D. Indoor. Capacity, 75 chicks; weight, 120 lbs.	34.25	26.35
Cyphers' Brooder Paradise. Indoor. Base Section. Capacity, 140 chicks; weight, 250 lbs.	56.95	43.75
Cyphers' Brooder Paradise. Indoor. Upper Section. Capacity, 140 chicks; weight, 150 lbs.	41.60	32.00
Cyphers' Portable Hover. Weight, 40 lbs.	21.75	16.75
Cyphers' Adaptable Hover. Weight, 50 lbs.	29.50	22.70
Cyphers' Practical Egg Tester	2.50	2.00

Simplicity Incubators

"HAVE NO COLD CORNERS"

Prices on this Page
F.O.B. Brandon



The strong recommendation which we gave these incubators in the 1919 issue of our catalogue induced hundreds of our customers throughout the western provinces to give them a trial.

It is a source of no small satisfaction to us, that our estimate of their worth and our prophecy in regard to their popularity has been amply justified. Flattering testimonials have been received from experienced, as well as inexperienced users, showing that equally

satisfactory results were obtained bearing testimony to the fact that the title applied to them is apt and their operation is of the most simple nature.

Not only are they easily operated, but the governing principles are absolutely right, borne out by the strong healthy chicks raised and the uniformly good hatches obtained.

Simple and explicit instructions, how to operate from start to finish, supplied with each machine.

Made in 3 Useful Sizes

50-Egg Capacity, 25 lb. **\$21.75**

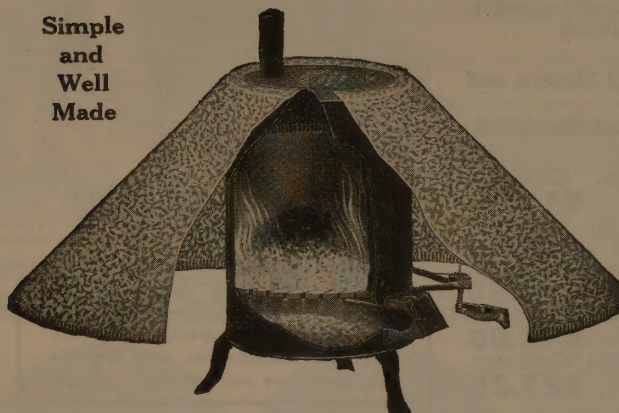
100-Egg Capacity, 40 lb. **\$28.50**

150-Egg Capacity, 60 lb. **\$33.50**

Simplicity Brooder Stoves

TRADE MARK REGISTERED
BURN ALL FUELS EQUALLY WELL

Simple
and
Well
Made



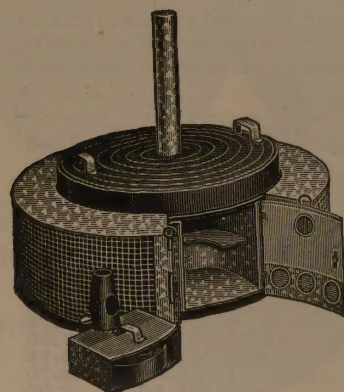
A combination of steel and iron is the ideal way to build a brooder stove. Here is a brooder stove that permits you to go to bed and sleep soundly—even on the most furiously cold nights—

without fear that your baby chicks will suffer discomfort or FREEZE TO DEATH.

When you consider that the Simplicity burns all fuels satisfactorily—permitting you to burn trash, corn cobs or wood that costs you nothing, during the day, and soft or hard coal at night, you will begin to appreciate what a remarkable improvement this brooder stove is over the old style cast iron one-fuel brooder stove.

You should see and operate this brooder stove to fully appreciate its wonderful merit. We know you will like this stove. Don't let anyone try to convince you they have something just as good or better; get all the information about this one, then judge for yourself.

Weight 60 lbs. Price **\$26.00**



The "Daisy" Hover

Some of our customers prefer this type of hover or brooder, so we offer it in addition to our popular Coal Burning Brooder.

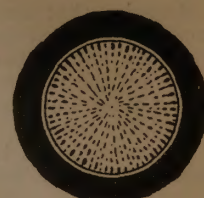
Note its clean-cut finish, compact design and careful workmanship. It has been thoroughly tested and in successful use for many years.

It is built of sheet steel throughout, and the metal radiator extends directly over lamp, receiving the heat without waste or danger. Note how the lamp is protected.

A wire cage entirely surrounds the hover and has an extension so it can be enlarged as the chicks grow. It also protects the chicks from rats and cats, etc.

The hover is complete and no extras to buy.

Weight 25 lbs. Price **\$17.50**



How the Round Simplicity is Heated

Circular hot water radiator—entirely surrounds egg chamber! Means no cold side walls—no cold corners! Equal heat—ample heat to every egg! The Mother Hen Principle! Nature's way!

Good Advice

Beaconsfield, Man.,
July 28, 1919.
A. E. McKenzie
Co., Ltd.,
Brandon, Man.
Gentlemen:

I have been using this year, one Simplicity Incubator, and I think it is an ideal hatcher, it is very easy to operate. My advice to anybody wanting an incubator is by all means—get a Simplicity. (Signed)
PAUL MAGNE.

Best of Results

Davidson, Sask.,
July 19, 1919.
A. E. McKenzie Co.,
Ltd.,
Brandon, Man.
Gentlemen:

The Simplicity Incubator I bought of you this Spring received in O.K. condition, and have had best of results, under ordinary care. Would say that the Simplicity will hatch any eggs that a hen would hatch, then some.

I let a neighbor have it to hatch goose eggs, and she had good success also, so I cannot speak too highly of my Simplicity. I remain

Yours very truly
(Signed)
C. M. FISHER.

Well Pleased

Box 48, Minto, Man.,
Oct. 9, 1919.
Messrs. A. E. McKenzie Co., Ltd.,
Brandon, Man.
Dear Sirs:

I thought you would be interested to know that I am very well pleased indeed with the Daisy Hover, which I bought from you last Spring. So well did it do its work that I did not lose a single chick. Never had less trouble raising. The oil consumed was so nominal as to be scarcely worth noticing. So far as I am concerned, I will use no other. Yours truly,
(Signed) A. F. SELBY.

PRICES

MARKET FLUCTUATIONS GRAINS, GRASSES, CLOVERS.

Since publication of Catalog, prices on some varieties have advanced, others are lower.

Please submit list of your requirements of Grains, Grasses and Clovers, and we will be pleased to quote.

A. E. McKENZIE CO., LTD.

Brandon, Man.

Calgary, Alta.

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QUANTITY OF SEED TO SOW PER ACRE AND WEIGHT PER BUSHEL

GRAINS			GRASSES AND CLOVERS			VEGETABLE SEEDS		
	Per acre	Per bus.		Per acre	Per bus.		Quantity per acre.	
Barley, Broadcast.....	2	to 2½ bus.	48 lbs.	Red Clover, Common.....	12 lbs.	60 lbs.	Artichoke.....	1 oz. to 500 plants..... 6 oz.
Barley, in drills.....	1½	to 2 bus.	60 lbs.	Alsike.....	8 lbs.	60 lbs.	Asparagus.....	1 oz. to 800 plants..... 1 lb.
Barley, Hullless.....	1½	to 1 bus.	48 lbs.	White Clover.....	10 lbs.	60 lbs.	Beans.....	2 lbs. to 100 ft. of drill..... 1 bus.
Buckwheat, broadcast.....	10	to 20 bus.	56 lbs.	Alfalfa (all varieties).....	8 to 10 lbs.	60 lbs.	Beet, garden.....	1 oz. to 50 ft. of drill..... 6 lbs.
Corn, 1 lb. to 80 hills.....	10	to 20 bus.	56 lbs.	Timothy.....	6 lbs.	48 lbs.	Broccoli.....	1 oz. to 2,500 plants..... 8 oz.
Corn, in drills.....	¼	to ½ bus.	56 lbs.	Brome Grass.....	14 lbs.	14 lbs.	Cabbage.....	1 oz. to 2,500 plants..... 8 oz.
Flax.....	2	to 3 bus.	34 lbs.	Western Rye.....	15 lbs.	14 lbs.	Carrot.....	1 oz. to 100 ft. of drill..... 3 lbs.
Oats.....	2	to 3½ bus.	60 lbs.	Kentucky Blue.....	30 lbs.	14 lbs.	Cauliflower.....	1 oz. to 2,500 plants..... 8 oz.
Peas.....	2	to 3½ bus.	56 lbs.	Red Top.....	15 lbs.	14 lbs.	Celery.....	1 oz. to 3,000 plants..... 4 oz.
Rye.....	1½	to 1 bus.	56 lbs.	Orchard Grass.....	15 lbs.	18 lbs.	Corn, Sweet.....	1 lb. to 100 hills..... 10 lbs.
Speltz.....	2	bushels.....	50 lbs.	O.K. Pasture Grass.....	20 lbs.	48 lbs.	Cucumber.....	1 oz. to 50 hills..... 2 lbs.
Tares or Vetches.....	2	to 2½ bus.	56 lbs.	Millet.....	20 lbs.	48 lbs.	Kohl Rabi.....	2 oz. to 100 ft. of drill..... 3 lbs.
Wheat, in drills.....	1½	to 1 bus.	60 lbs.	Sudan Grass, broadcast.....	20 lbs.		Leek.....	1 oz. to 100 ft. of drill..... 2 lbs.
							Lettuce.....	1 oz. to 100 ft. of drill..... 2 lbs.
							Onion Seed.....	2 oz. to 100 ft. of drill..... 3 lbs.
							Onion Sets.....	2 lbs. to 40 ft. of drill..... 8 bus.
							Parsnip.....	2 oz. to 100 ft. of drill..... 5 lbs.
							Parsley.....	1 oz. to 50 ft. of drill..... 3 lbs.
							Peas, Garden.....	1 lb. to 40 ft. of drill..... 3 bus.
							Pepper.....	1 oz. to 1,500 plants..... 4 oz.
							Pumpkin.....	1 oz. to 25 hills..... 3 to 4 lbs.
							Radish.....	1 oz. to 100 ft. of drill 9 to 10 lbs.
							Squash.....	1 oz. to 25 hills..... 3 lbs.
							Tomato.....	1 oz. to 1,500 plants..... 4 oz.
							Turnip.....	1 oz. to 50 ft. of drill..... 2 lbs.

FIELD ROOTS AND RAPE

	Per acre	Per bus.
Sugar Beet.....	4	to 6 lbs.
Carrot.....	2	to 3 lbs.
Mangel Wurtzel, in drills.....	4	to 6 lbs.
Potatoes in hills or drills, cut tubers.....	8	to 12 bus.
Potatoes cut to single eyes.....	6	to 8 bus.
Rape, in drills.....	2	to 3 lbs.
Rape, broadcast.....	4	to 6 lbs.
Turnip, Fall.....	1½	to 2 lbs.
Turnip, Swede.....	2	to 2½ lbs.

MIXTURES

	Per acre
Timothy, 5 lbs.; Red Clover, 8 lbs.....	"
Timothy, 5 lbs.; Alsike, 6 lbs.....	"
Timothy, 5 lbs.; Alfalfa, 5 lbs.....	"
Western Rye, 8 lbs.; Red Clover, 8 lbs.....	"
Western Rye, 8 lbs.; Alsike, 6 lbs.....	"
Western Rye, 8 lbs.; Alfalfa, 6 lbs.....	"
Timothy, 3 lbs.; Western Rye, 5 lbs.; Red Clover, 8 lbs.....	"
Timothy, 3 lbs.; Western Rye, 5 lbs.; Alsike, 6 lbs.....	"
Timothy, 3 lbs.; Western Rye, 5 lbs.; Red Clover, 5 lbs.....	"

THE WEST IS OUR FIELD

PHOTOGRAPHED
BY A. E. MC.
KENZIE CO.,
LTD.

Grow More Roots



Grows
well above
ground

Easily
harvested

One of the
Heaviest Croppers

Exceptional
Feeding Value

**McKenzie's Manitoba
Giant Yellow Mangel**

$\frac{1}{4}$ lb. 30c, $\frac{1}{2}$ lb. 45c, 1 lb. 80c, postpaid

For further particulars see page 32

WESTERN CANADA'S GREATEST SEED HOUSE